

Professional Transportation Bulletin

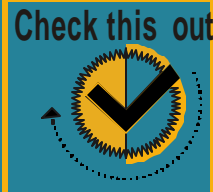
PTB 158

November 10, 2010

**Statements of Interest are due before 12:00 p.m.
on December 02, 2010
Selection Date: January 26, 2011**



Help?
INFORMATION



Illinois Department of Transportation
2300 South Dirksen Parkway, Springfield, Illinois 62764

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: January 26, 2011

The following revisions have been made to this Professional Transportation Bulletin. If you downloaded the bulletin prior to the noted revision date, you should incorporate the revisions or download and use a new copy of the bulletin.

REVISION DATE: There are no revisions as of November 10, 2010

State Of Illinois Contact Information

Department Of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on **IDOT's WEBSITE** at <http://www.dot.il.gov>.

Professional Transportation Bulletin

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski

Consultant Unit Chief

E-mail: Carrie.Kowalski@illinois.gov

Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment
2300 South Dirksen Parkway
Attn: Consultant Unit
Room 330
Springfield, IL 62764

Tentative Schedule For Professional Transportation Bulletins

ACTIVITY	PTB 159	PTB 160	PTB 161	PTB 162	PTB 163	PTB 164	PTB 165
PUBLISH PTB	02/03/11	05/05/11	08/04/11	11/10/2011	02/01/2012	05/02/2012	08/08/2012
***STATEMENTS OF INTEREST ARE DUE	02/24/11	05/26/11	08/25/11	12/01/11	02/22/2012	05/23/2012	08/29/12
SELECTION MEETING	04/20/11	07/20/11	10/19/11	01/25/12	04-17-12	07/17/2012	10/23/12

***** STATEMENTS OF INTEREST FOR PTB 158 MUST BE RECEIVED BETWEEN:
Publish Date 11-10-10 & 12-02-10 (12:00 P.M. NOON)**

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Required forms for each submittal are available at <http://www.dot.il.gov/desenv/deform.html>

Review the Guidelines and E-mail procedures in the PTB for submittal requirements. Both are linked in the bookmarks.

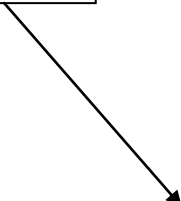
We encourage the review of the FREQUENTLY ASKED QUESTIONS, located in the NEW NOTICES and the website: <http://www.dot.il.gov/desenv/FAQ.html>

NOTICE

Proposed Negotiation Meeting information for Items will be available at the following link: <http://www.dot.il.gov/dobuisns.html>

Consultant Services

Link for
negotiation
information



[Bridge CADD Standards / Downloads](#)
[CADD Roadway Drafting Reference Guidelines](#)
[CADD Standards/Downloads](#)
[CADD Roadway and Structure Project Deliverables Policy](#)
[Consultant Forms](#)
[Consultant Mentor Protégé Program](#)
[Consultant Prequalification](#)
[Consultants Professional Transportation Bulletins](#)
[Facility Cost of Capital Rates](#)
[Federal Mileage Reimbursement Rates \(for existing contracts with CONUS\)](#)
[Frequently Asked Questions **NEW**](#)
[Negotiation Information for Current Bulletin](#)
[Professional Transportation Bulletin Schedule](#)
[Standard Agreement Provisions for Consultants](#)
[State Mileage Reimbursement Rates](#)
[Uniform Audit and Accounting Guide](#)

- **Region 1**
 - Diane O'Keefe
 - District One
 - Items 1 -15
- **Region 2**
 - George Ryan
 - District 2
 - Items 16-20
- **Region 3**
 - Joseph Crowe
 - District 4
 - Items 21-23
 - District 5
 - Items 24-25
- **Region 4**
 - Roger Driskell,
 - District 6
 - Items 26-29
- **Region 5**
 - Mary Lamie
 - District 8
 - Items 30-33
- **Bureau Of Bridges & Structures**
 - Ralph Anderson
 - Items 34-36
- **Bureau Of Operations**
 - Aaron Weatherholt
 - Items 37-39
- **Bureau of Railroads**
 - George Weber
 - Items 40-41
- **Department of Natural Resources**
 - Items 42-43

Notice Of IDOT Staffing Changes November 10, 2010

Ms. Janet Pisani is the Acting Section Head of Preliminary Engineering in the Bureau of Design and Environment.

Please address all Consultant related issues to Janet L. Pisani, P.E.

E-mail: Janet.Pisani@illinois.gov and Phone: 217-782-7557.

Notice Of Performance Policy Change October 14, 2010

The previous performance policy dated March 9, 2004 has been revised to the following:

Firms will lose prequalification in a category for the following periods, under the following conditions and for the following periods of time:

Final Evaluation	Action	Duration
One "Substandard" in a category*	Suspended from submitting an SOI requiring the evaluated category**	The next two PTB's, or six months from the date of notification whichever is greater***
One "Poor" in a category*	Suspended from submitting an SOI requiring the evaluated category**	The next eight PTB's, or two years from the date of notification whichever is greater***

* This includes subcontract work.

** For example, if the evaluation is in a less complex category, such as "Highway Bridges: Simple," the firm also cannot submit on items requiring more complex similar categories such as "Highway Bridges: Complex." Conversely, if the evaluation is in a more complex category such as "Highway Bridges: Complex." The firm would not necessarily be suspended from submitting in similar simple categories such as "Highway Bridges: Typical."

*** At the end of the term, the firm must request reinstatement to the suspended categories. This will require documentation of efforts and success in correcting the issues which lead to the subject evaluations.

A firm receiving two less than "Satisfactory" final evaluations in a category within five years will:

- Lose prequalification in that category for one year if the second less than "Satisfactory" rating is "Substandard." Reinstatement of the prequalification in that category will require a request from the firm with documentation that the issues which led to the subject evaluations have been rectified, one the term of loss is complete.
- Lose prequalification in that category for five years if the second less than "Satisfactory" rating is "Poor." Reinstatement of prequalification in that category will require a request from the firm with documentation that the issues which led to the subject evaluations have been rectified, one the term of loss is complete.

APPEAL PROCESS

Firms that disagree with a final evaluation have a process with which to appeal, and its steps are as follows:

1. After receipt of the final evaluation, the consultant has 30 days in which to appeal a “Substandard” or “Poor” evaluation. The appeal is submitted in writing to the department entity that managed the contract and prepared the final evaluation (e.g., Regional Engineer, Bureau of Design and Environment, Bureau of Bridges and Structures).
2. The appeal will clearly state the basis for the appeal and any support documentation shall be attached.
3. When the consultant is not satisfied with the results of the appeal to the department entity that prepared the final evaluation, the consultant can request in writing, within 14 days, a review by the Deputy Director of Highways. The consultant shall provide a copy of the appeal to the department entity that managed the contract and the BDE Bureau Chief. The Deputy Director of Highways reviews the documentation file and the evaluation, and meets with the consultant and the department entities involved.
4. If the consultant remains unsatisfied with the results after meeting with the Deputy Director of Highways, the consultant may file a written appeal with the Director of Highways within 14 days of the final action by the Deputy Director of Highways
5. The appeal shall state specifically the basis of the appeal and the reasons why the decision by the Deputy Director of Highways is incorrect. No new issues may be raised.
6. The Director will review all the information submitted with the appeal. The director may request a meeting with the consultant. The consultant will be notified in writing of the Director’s decision. The decision of the Director will be final.

Note this appeal process replaces the existing appeals process currently contained in Section 8-4.05(k) of the BDE Manual. It will be formally added to the manual at the earliest opportunity.

Notice Of IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

Located at: <http://www.dot.il.gov/desenv/ptbsubsc.html>

Instructions to Subscribe

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: subscribe-dot-ptb@lists.illinois.gov
2. Send message
3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: unsubscribe-dot-ptb@lists.illinois.gov
2. Send the message.
3. A confirmation e-mail will be sent to you removing you from the subscription list.

Introduction

STATE OF ILLINOIS
Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

PROFESSIONAL TRANSPORTATION BULLETIN #158
Publish November 10, 2010

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: <http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification>.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project to the SOIPTB@dot.il.gov e-mail address.

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT AT THE ABOVE E-MAIL ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 12:00 P.M. LOCAL TIME, December 02, 2010. STATEMENTS RECEIVED AFTER THIS TIME WILL NOT BE CONSIDERED.

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The firm's proximity to the project, when important.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for IDOT, if applicable.

All members of the Consultant Selection Committee will be **unavailable** to discuss specifics of projects listed herein during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters expressing your interest in various projects and/or correspondence concerning your firm via Overnight/Federal Express mail to members of the Consultant Selection Committee.

Guidelines for Submitting Statements of Interest (SOI)

The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. Any work being done by a consultant, prime or sub must be prequalified in the IDOT prequalification category of work they are performing.

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project that includes the following:

- 1) A cover sheet, clearly identifying the PTB Number, Item Number, Firm Name, and IDHR number (if available, see recurring notices). No additional information is required on the cover.
- 2) A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)
- 3) A Table of Contents with page numbers, identifying the approach, exhibits, resumes, etc.
- 4) Color graphics/photographs should be limited in the submittal because the size limitation on incoming e-mail is 2 MB. Photo's etc. can create a large file so use at your discretion.
- 5) Complete **Exhibit A** as follows:
 - a) List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
 - b) QC/QA personnel must be different individuals than the staffing, which prepared the documents.
 - c) Attach resumes of all personnel listed in a) above. Individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
 - d) Designate the estimated time required to complete the project using the personnel presented. A completion date and/or number of months to complete the project should also be provided.
 - d) Identify proposed subconsultants and item(s) of work they will perform. If a DBE Goal is in the advertisement list the DBE subconsultant(s) and work the firm will be performing. All Subconsultants must be prequalified in the area of work they will be performing.
 - e) Include Mentor Protégé data if participating.
- 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**.
- 7) Experience of the staff or firm in accomplishing similar types of work should be shown for only the most recent projects and should be concise and relevant to the expertise required for the specific project. If there are several projects with the same work completed, then one summary would be adequate with each location and the project manager noted for each. This information should be shown at the end of the SOI.
- 8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.

Guidelines for Submitting Statements of Interest (SOI)

- 9) The Instructions for completing the Current Obligation documents immediately precede the Current Obligation forms. The Current Obligation Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required.
- 10) Instructions for completing Disclosure **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B**. Disclosure Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.
- 11) The Delinquent Debt Certification is separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included at the bottom of the Delinquent Debt document.
- 12) The Disclosure of Business Operations in Iran is a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- 13) Exhibit A, Exhibit B, the Current Obligations Form, Disclosure Forms, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are available as word documents on our web site: <http://www.dot.il.gov/desenv/deform.html>

The following addresses may be used when a hard copy of the SOI is requested to be sent to the Central Office in the advertisement:

Illinois Department of Transportation
Bureau of Design and Environment
Chief of Preliminary Engineering
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, Illinois 62764

If SOI is required to be sent to the Region/District, use addresses as follows:

Region 1

Ms. Diane O'Keefe

District 1

201 West Center Court
Schaumburg, IL 60196

Region 2

Mr. George Ryan

District 2

819 Depot Avenue
Dixon, IL 61021

Mr. George Ryan

District 3

700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Guidelines for Submitting Statements of Interest (SOI)

Regional Engineers Continued:

Region 3

Mr. Joseph Crowe

District 4

401 Main Street
Peoria, IL 61602

Mr. Joseph Crowe

District 5

Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

Mr. Roger Driskell

District 6

126 East Ash St.
Springfield, IL 62704

Mr. Roger Driskell

District 7

400 West Wabash
Effingham, IL 62401

Region 5

Ms. Mary Lamie

District 8

1102 Eastport Plaza Drive
Collinsville, IL 62234

Ms. Mary Lamie

District 9

State Transportation Building
P.O. Box 100
Carbondale, IL 62903

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

We require Statements of Interest (SOI) to be submitted through the e-mail system using Adobe Acrobat 5.0 or greater Software.

Electronic submittals should be made to the Central Office only. The Central Office will forward the necessary consultant information to the Regions/Districts and other Bureaus or Divisions. All electronic submittals should be addressed to SOIPTB@dot.il.gov

Each prequalified consultant firm has been assigned a unique 2 to 6 character Firm Name Code that must be used when submitting electronic Statements of Interest. This code appears on the SEFC Prequalification Page, the page that lists the prequalification categories, and is sent with your annual prequalification letter. The code is located at the top of the page and is next to the Firm Name.

It is important your e-mail appear exactly as the attached example described below: (Note: ABC Engineering is used for example purposes only. The Code for this firm is "ABC")

- The Subject Line must read: FIRM NAME, PTB NUMBER, ITEM(S)

(Example: ABC Engineering, PTB 151, Items 4, 12, & 22) If there will be more than one e-mail please note as follows: e-mail 1 of ___ the total number to be sent.)

- The first line of your e-mail should indicate your Firm Name, PTB & Items Number(s) on which your firm is submitting.

(Example: ABC Engineering has submittals for PTB 151, Items 4, 12 and 22.)

- The second line should list the name, phone number, and e-mail of the person to contact should there be any questions regarding the submittal.

- Each attachment must be labeled as indicated below:

1. For each Item on which you are submitting use your 2-6 character Firm Name Code, immediately followed by the 2-digit Item Number (i.e., 01 through 99).
(Example: ABC04.pdf)

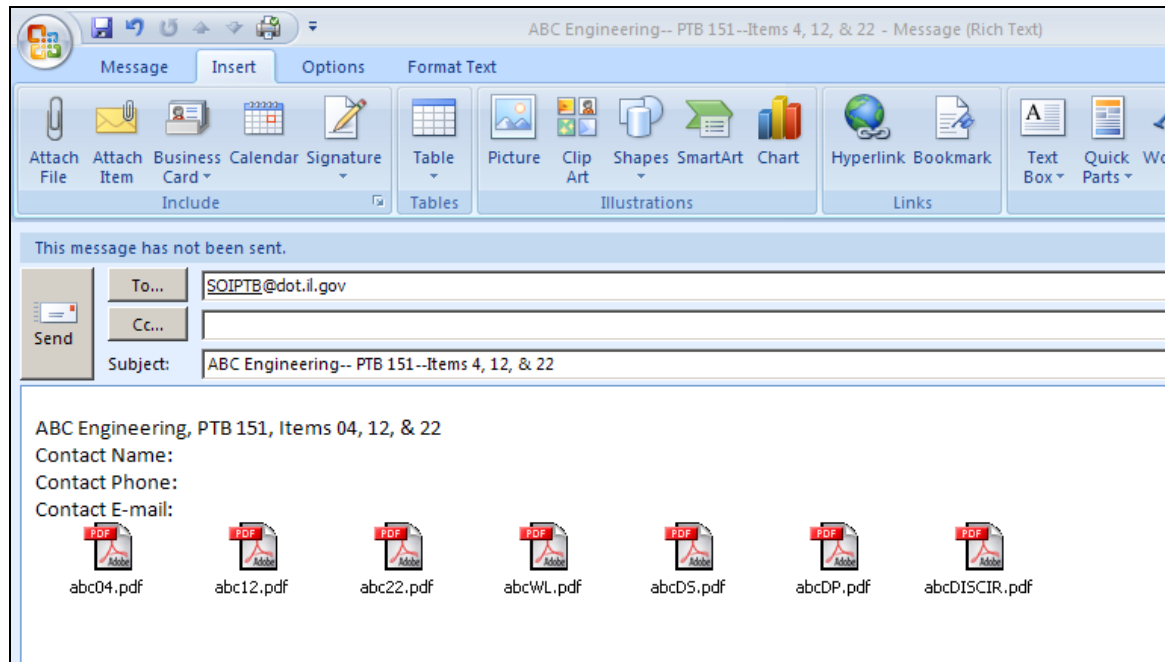
2. For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.
(Example: ABCWL.pdf)

3. For your firm's Disclosure Forms, use your 2-6 character Firm Name Code, followed by DS.
(Example: ABCDS.pdf)

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

4. For your firm's Delinquent Debt Payment Certification, use your 2-6 character Firm Name Code, followed by DP.
(Example: ABCDP.pdf)
5. For your firm's Disclosure of Business Operations in Iran, use your 2-6 character Firm Code, followed by DISCIR.
(Example: ABCDISCIR.pdf)

Please review the following example e-mail:



Detail Descriptions of Attachments for electronic submittal:

- ABC04, ABC12, and ABC22 are the Statements of Interest for the submitted Items and must include Exhibit A. Following Exhibit A, include resumes of the key management personnel and project staff listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.
- ABCWL is the Current Obligation Form. Requirement: Only Prime submits one copy of the Current Obligation Form. Instructions shown on page one should not be sent.
- ABCDS is the Disclosure Forms. Requirement: Only Prime submits one copy of the Disclosure Form. Disclosure file would consist of Form A and Form B.

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

- ABCDP is the Delinquent Debt Compliance Statement. Requirement: Prime and any known subconsultants the prime will be using are required to submit this form. The forms should be converted to pdf and submitted as one pdf document, not multiple files.
- ABCDISCIR is the Disclosure of Business Operations in Iran. Requirement: Only Prime submits one copy of the form.

Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

Exhibits (A & B), Current Obligations, Disclosure Forms A & B, Delinquent Debt Certification, and Disclosure Business in Iran are available as electronic documents and may be downloaded from our web-site: <http://www.dot.il.gov/desenv/deform.html>. The bookmarks in the Professional Transportation Bulletin are also linked to the website.

Use the latest documents provided on the web site. The documents are labeled as follows:

- Exhibit A = BDE XHBT-A • Exhibit B = BDE XHBT-B
- Current Obligations = BDE CUR-OB
- Disclosure Forms (A & B) = BDE DISC 2 Template (Consultants)
- Delinquent Debt (Consultants) = BDE 3000
- Disclosure of Business In Iran= BDE 2900

We also have frequently asked questions for submitting Statements of Interest. They are located at <http://www.dot.il.gov/desenv/FAQ.html>

If you have questions, Please contact Carrie Kowalski at Carrie.Kowalski@illinois.gov.

PROFESSIONAL TRANSPORTATION BULLETIN REQUIRED FORMS FOR STATEMENT OF INTEREST SUBMITTAL

The forms listed below are in Microsoft Word 2007 except for the Current Obligations, which is in Microsoft Excel.

To open Microsoft Office Word 2007 .docx or .docm files with Microsoft Office Word 2003, Word 2002, or Word 2000, you need to install the [Microsoft Office Compatibility Pack for 2007 Office Word, Excel and PowerPoint File Formats](#) and any necessary Office updates. By using the Compatibility Pack for the 2007 Office system, you can open, edit some items, and save Office Word 2007 documents in previous versions of Word.

All required forms are located at: <http://www.dot.il.gov/desenv/deform.html> and are shown below.

If the link next to form name below doesn't open the document, go directly to the site above.

BDE 2900	Disclosure of Business Operations in Iran	09/14/09
BDE 3000	Delinquent Debt Certification (Consultant)	
BDE CUR-OB	Consultant's Current Obligations for Statements of Interest.	10/01/08
BDE XHBT-A	Consultant Exhibits A	12/22/09
BDE XHBT-B	Consultant Exhibits B	12/01/09
BDE DISC 2 Template (Consultants)	Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure	07/06/10

TABLE OF CONTENTS

PTB 158

Item #	County	Description
Region 1/District 1		
1.	Cook	Phase I/II, Central Avenue Corridor from 63 rd Street to 87 th Street, Environmental Assessment
2.	Dupage & Cook	Phase I Project for I-55 from I-355 to I-94
3.	Will	Phase II Project for IL 22 from Quentin Rd to West of IL 83 (Mundelein Rd),
4.	Lake	Phase II Project for IL 83 from IL 120 to IL 137 at Atkinson Road
5.	Lake	Phase III, IL 21 from IL 120 to IL 137
6.	Various	Phase I Engineering Program management work for Various Traffic Studies
7.	Various	Various Quality Assurance projects for both PCC/HMA & Aggregate
8.	Various	Various Quality Assurance projects for both PCC/HMA & Aggregate
9.	Various	Phase II various projects for Plan Preparation, Plan Review and Surveying
10.	Kane	Phase III Project for IL 64 from 7 th Ave. to Kautz Rd. and Kautz Rd. to IL 59
11.	Cook & Dupage	Phase III Project for I-55 from I-355 to the County Line Road and County Line Road to Kedzie Avenue
12.	Various	Various Survey Projects (NPDES Compliant)
13.	Kane	Phase II project for IL 47 over Virgil Ditch #2
14.	Various	Various Geotechnical Projects
15.	Will	Phase II project for I-55 at Blodgett Road and Blodgett Road over Grant Creek,
Region 2/District 2		
16.	Various	Phase I/II various Projects
17.	Various	Various Route and Land Surveying Projects
18.	Carroll	Phase I/II Project for US 52/IL 64 over the Mississippi River
19.	Various	Various Phase III projects
20.	Winnebago	Various Phase III Projects

TABLE OF CONTENTS

PTB 158

Item #	County	Description
Region 3/District 4		
21.	McDonough	Geotechnical Investigations for the IL 336 Northeast Quadrant of the Macomb Bypass from US 67, north of Spring Lake Road to US 136(E), east of Macomb
22.	Knox	Phase I/II Project for Reconstruction of two structures on CH-9 over I-74
23.	Various	Various Phase I/II Projects
Region 3/District 5		
24.	Various	Phase I/II Various Projects
25.	McLean	Phase II project for (I-55 Business, Veteran's Parkway), I-55 Business over I-74 SW of Bloomington
Region 4/District 6		
26.	Cass	Phase II project for US 67 from future IL 125 interchange in Beardstown
27.	Various	Various Phase I/II projects
28.	Various	Various Phase I/II projects
29.	Various	Various Phase I/II projects
Region 5/District 8		
30.	St. Clair	Phase I/II project for IL 157 total Structure Replacement over St. Clair Avenue, Metro-link RR,
31.	Various	Various Phase I/II projects
32.	Madison	Phase III Services for I-270 over the Mississippi River Chain of Rocks Canal and the Mississippi River in Granite City
33.	Various	Various Phase I/II projects for Deep Well and Pump Station Analysis
Bureau of Bridges & Structures		
34.	Various	Various Structural Engineering Projects Statewide.
35.	Various	Various Structural Engineering Projects Statewide.
36.	Various	Structural Steel Shop Fabrication Inspection Statewide

TABLE OF CONTENTS

PTB 158

Item #	County	Description
Bureau of Operations		
37.	Various	Various Signal Coordination and Timing Projects in Districts Two through Five.
38.	Various	Various Signal Coordination and Timing Projects in Districts Six through Nine
39.	Various	Statewide Sign Structure Inspections Projects
Bureau of Railroads		
40.	Various	Various Phase I Environmental Studies for Chicago to St. Louis High Speed Rail Corridor
41.	Various	Various Phase I, II and/or III projects for Chicago to St. Louis High Speed Rail Corridor
Department of Natural Resources		
42.	Whiteside	Project to Upgrade the Automatic Operation System of Sinnissippi Dam
43.	McHenry	Engineering Services for Plans, Specifications, Cost Estimates, and Operations and Maintenance Manuals for Replacement of Sluice Gates, Construction of Access Bridge and Lock Expansion at Stratton Lock and Dam

1. **Job No. P-91-242-11, Central Avenue Corridor from 63rd Street to 87th Street, Environmental Assessment, Cook County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 31, 2011**, at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase I and II services are required to perform all work associated with the preparation of the preliminary engineering report and environmental study anticipated to be processed as an Environmental Assessment (EA) and preparation of contract plans, special provisions and estimates for the improvement of the Central Avenue Corridor from 63rd Street to 87th Street. All work for this project will be in English units.

Phase I engineering services are required to complete work initiated by other consultants involving the preparation of a Combined Design Report and Environmental Assessment (EA) for the Central Avenue Corridor. Extensive coordination may be required to facilitate the transition between the selected Consultant and the Consultant currently working on Phase I. Phase I work is anticipated to include but not be limited to data collection as well as analysis including: traffic counts and 2040 projections; traffic modeling and analysis; developing bridge type and retaining wall type studies; accident analysis; Section 4(f) documentation; drainage studies including pump stations; geometric studies including intersection design studies; Financial Plan, Project Management Plan; Traffic Management Plan; public involvement; Environmental Assessment, combined design report, and all other work necessary to document Phase I studies based on current information.

The department will furnish the Consultant with all previously compiled and/or prepared Phase I documentation including available microfilm plans; existing and projected 2030 traffic data; aerial photography and/or mapping; available existing ground survey; accident data; utility coordination and correspondence; right-of-way data, as available; and archaeological, historical, biological survey as well as hazardous waste coordination.

The work may include but not be limited to roadway plan preparation for possible widening, reconstruction and/or new construction; structure work including the possibility of bridge, tunnel and retaining wall construction; intersection improvements and geometric modifications; arterial road improvements which may include the addition/upgrade to traffic signals as well as roadway lighting, a new highway drainage system; and other incidental work as required to complete the improvements. It is likely there will be several stages of work and multiple construction contracts required to complete the project. The Consultant selected for this project will be required to provide input on the suggested sequencing of the stages and the most efficient way to package the construction contracts based on but not limited to construction staging and costs per contract.

The estimated construction cost for this project is approximately \$400,000,000. The completion date for the Phase I and Phase II work must be completed within 48 months after authorization

to proceed. The Phase II portion of the contract will be negotiated near the completion of Phase I.

Key personnel listed on **Exhibits A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be responsible for the preparing tunnel concepts and designs. The person must be an Illinois Licensed Structural Engineer with adequate tunnel plan and design experience.
- Person who will be responsible for preparing structural concepts. The person must be an Illinois licensed Structural Engineer.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.
- The person, who will perform the work in the area of Special Transportation Studies (Railway Engineering) (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The public involvement lead responsible for developing and supporting an overall Stakeholder Involvement process. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

Statements of Interest must also provide a proposed organizational chart for the proposed Consultant team with proposed percentage of time commitment and the approach the firm would take on this project. In addition, Statements of Interest must provide specific descriptions of the firm's and their respective staff's experience in planning and designing tunnels within the past 10 years.

Prime firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)

Location/Design Studies (New Construction/Major Reconstruction)

Environmental Reports (Environmental Assessments)

Structures (Railroad)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

After all responses have been evaluated, firms may be asked to make oral presentations during the week of January 17, 2011 in Springfield.

2. **Job No. P-91-762-10, Phase I Project for I-55 from I-355 to I-94, DuPage and Cook Counties, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2011**, at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of preliminary engineering and environmental studies (anticipated to be a Combined Design Report/Environmental Assessment) for the improvement of I-55 from approximately I-355 to I-94. The work is anticipated to include providing an additional lane in each direction and implementation of traffic management strategies.

Phase I may include but is not limited to evaluating the geometrics for safety and capacity (existing as well as projected), preparing complete bridge inspections and reports, data collection, preparation of base maps and mosaics, mapping and ground survey, crash analysis, traffic counts and projections, traffic studies including Intersection and Interchange Design Studies, traffic management analysis, drainage studies, cost estimates, financial planning, and all other work necessary to complete Phase I. A key planning tool for Phase I will include stakeholder outreach based upon the Department's Context Sensitive Solutions (CSS) Policy. All work for this project will be in English units.

The department will make available to the Consultant microfilm data, right-of-way information (as available), crash data, utility coordination, and correspondence, archaeological, historical, biological, and special waste survey and coordination.

The construction cost for this project is estimated to be \$400,000,000. The completion date for the contract will be 30 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.
- The person in charge of the CSS/Public Involvement procedures. Include a detailed description of the CSS/Public involvement work he/she has directed involving facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contract letters, etc.
- Person(s) who will be responsible for preparing structural concepts, must be an Illinois licensed Structural Engineer. In addition, the staff performing this work must be identified. The prequalification category of Structure Highway: Typical is required and may be met by the Prime and/or Sub
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person(s) who will perform the work in the area of any Special Studies (Mass Transit). Must be an Illinois Licensed Professional Engineer.

Statements of Interest must also provide a proposed organizational chart for the proposed Consultant team with proposed percentage of time commitment and the approach the firm would take on this project.

The prime firm must be prequalified in the following categories to be considered for this project:

Environmental Assessment (EA)
Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

3. **Job No. D-91-236-11, IL 22 from Quentin Rd to West of IL 83 (Mundelein Rd), Phase II Project, Will County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 1, 2011 at 10:00 A.M.** at the Region One, District One office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications, and cost estimates for the reconstruction of IL 22 from Quentin Road to west of IL 83 to provide two lanes in each direction separated by a median. Curb and gutter is expected to be provided along with an enclosed drainage system. Several major culvert crossings are anticipated to be reconstructed and the vertical roadway profile will be adjusted to provide for improved drainage. Retaining wall plans are also expected to be required. The project length is approximately 3.3 miles. All work for the project will be in English units.

The following structures are anticipated to be included in this project:

- 7.5' X 5.5' Concrete Box Culvert- Kildeer Creek
- 8' X 4' Concrete Box Culvert- Kildeer Creek
- 5' X 2.5' Concrete Box Culvert- Heron Creek Pond Outlet
- 6' X 1.5' Concrete Box Culvert- Tributary to Willowbrook Drain
- 7' X 4' Concrete Box Culvert- Willowbrook Drain
- 4' X 3' Concrete Box Culvert- Tributary to Kildeer Creek

The department will furnish the Consultant with available microfilm plans, project report, location drainage study, hydraulic reports, and other available applicable items. The department will also furnish traffic signal plans, specifications and quantities for inclusion into the contract plans.

The estimated construction cost for this project is \$37,000,000. The Consultant's work includes preparation of contract plans, specifications, cost estimates, and all other work required to complete the improvement. The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project.

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

4. **Job No. D-91-237-11, FAP 866 (IL 83) from IL 120 to IL 137 at Atkinson Road, Phase II Project, Lake County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for improvements to IL 83 from IL 120 to IL 137 at Atkinson Road. The Consultant's work is expected to consist of preparing plans, specifications, and cost estimates for the reconstruction of the roadway and the realignment of IL 137 and IL 83 intersection to align with the Atkinson Road extension. The improvement is anticipated to include a new railroad grade crossing, new permanent traffic signal installation and traffic signal interconnect with emergency vehicle signal pre-emption equipment, open and enclosed drainage, and other incidental work required to complete the project. All work for this project will be in English units.

The department will furnish the Consultant with project report, hydraulic report, location drainage study, pavement design, available microfilm plans, any available data, and existing developed contract plans.

The estimated construction cost for this project is \$26,400,000. The Consultant's work includes preparation of contract roadway plans, route surveys, and geotechnical engineering services. The completion date for the contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience).
- The person who will perform the work in the area of geotechnical analysis and the preparation of the Roadway Geotechnical Report (RGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services) prequalification category requirement maybe completed by Sub and/or Prime.

- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Land Surveyor and/or an Illinois Licensed Professional Engineer). Route survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in charge of traffic signals (must be an Illinois Licensed Professional Engineer). Traffic Signal prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

5. **Job No. C-91-246-11, IL 21 from IL 120 to IL 137, Phase III Project, Lake County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 9:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required for the improvement of IL 21 from IL 120 to IL 137. Work includes, but is not limited to, reconstruction and widening of IL 137 for intersection improvements, new signalization at Casey Road and IL 21, signal modernization at IL 21 and IL 137, proposed jointed 9.75" PCC pavement, concrete curb and gutter, storm sewer, concrete sidewalk, replacement of existing cross culverts, replacement of Bull Creek Bridge, approximately 7 concrete retaining walls, multi-use path underpass, landscaped median, development of four retention/detention basins and all incidental and collateral work necessary to complete the project. All work for this project will be in English units.

The following Structures may be included:

- S.N. 049-0027 [Existing structure Bull Creek Bridge]
- S.N. 049-0199 [New structure Bull Creek Bridge]

The department will furnish the Consultant with Plans and Specifications.

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date for this contract will be October 31, 2011 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (A registered Professional Engineer in the State of Illinois is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA Complete prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

6. **Job No. P-91-248-11, Phase I Engineering Program Management Work, Various Traffic Studies for Various Routes, Various Counties, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 1, 2011 at 9:30 A.M.** at the Region One/District One Office in **Schaumburg**.

A Project Management (PM) Consultant is required for traffic engineering services. The PM Consultant will be assigned to manage various IDOT traffic engineering studies, which may be under contract with other Consultant engineering firms. In addition, the PM will be expected to complete any studies work as needed in order to meet target deadlines. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

Joint ventures will not be allowed on this project.

The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option to renewal by the department for an additional 36 months.

The PM Consultant will be expected to perform work similar to an IDOT Traffic Studies Manager & staff and report to the Traffic Programs Section Chief. Key staff from the PM Consultant will be expected to perform work in the District offices from three to four days a week as required. This may include engineering, engineering management, public coordination, administrative services, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules and budgets. It is anticipated that projects of varying complexity will be assigned to the PM Consultant.

The work anticipated for traffic engineering projects may include:

- Manage and review various traffic studies which are assigned and prepared under contract with other consultant engineering firms, including contract administration;
- Review and select candidate locations for possible inclusion in the Highway Safety Improvement Program (HSIP), including preparation of the annual submittal(s) to the District and Statewide Safety Committees.
- Preparation of the annual response to 5% locations.
- Manage and track project-level costs, schedules, and benefit/cost ratios for HSIP projects in multi-year program cycle.
- Coordinate, validate, and monitor project scopes;
- Identify and implement all necessary coordination and communication within and outside the department; to IDOT and stakeholders as required;

- Hold regular progress meetings and briefings for IDOT including FHWA where details of project and progress are presented;
- Facilitate and expedite the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines;
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT;
- Review assigned site development permits and local agency studies as to conform to policies, practices & procedures, and preserving the integrity of the highway.
- All other work as necessary and required to manage traffic studies projects including the HSIP.

The department will provide applicable department policies and procedures to the PM Consultant.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of the Project Engineer, that individual-in-charge of the day to day program management work (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Traffic Engineer, that individual-in-charge of the day to day traffic studies work (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestones submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide a proposed organization chart for the proposed PM Consultant team with the proposed percentage of time commitment, as well as the approach the firm would take on this project, and a summary of the pertinent experience of the firm managing traffic engineering projects.

The prime firm must be prequalified in the **Special Plans (Traffic Studies)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

7. **Job No. C-91-235-11, Various Quality Assurance Aggregate/HMA/PCC projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering services are required to perform quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing and pipe and precast producers. Additional services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. Additional services and responsibilities include Independent Assurance sampling and testing for the Department for both HMA and PCC according to Federal guidelines at both plants and jobsites on an as-needed basis. The project includes Complete Quality Assurance Testing in accordance with The Standard Specifications for Road and Bridge Construction, Policy Memorandums 19-08, 25-08, 28-10 and any appropriate contract special provisions and plan notes or details. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and pipe and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties as defined in the construction contract, Policy Memorandums 19-08, 25-08, and 28-10, and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract and Policy Memorandums 19-08, 25-08, and 28-10.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume duties as project Manager for all aspects of the work (A registered Professional Engineer in the State of Illinois is preferred).
- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Testing Technicians.

- The Materials QA Technician.
- Structural Steel and Miscellaneous Materials Source Inspector
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Class**

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Quality Assurance: QA HMA and Aggregate)

Special Services (Quality Assurance: QA PCC and Aggregate)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

8. **Job No. C-91-234-11, Various Quality Assurance HMA/ PCC/ Aggregate Projects, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing and pipe and precast producers. Additional services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. Additional services and responsibilities include Independent Assurance sampling and testing for the Department for both HMA and PCC according to Federal guidelines at both plants and jobsites on an as-needed basis. The project includes Complete Quality Assurance Testing in accordance with The Standard Specifications for Road and Bridge Construction, Policy Memorandums 19-08, 25-08, 28-10 and any appropriate contract special provisions and plan notes or details. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and pipe and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties as defined in the construction contract, Policy Memorandums 19-08, 25-08, and 28-10, and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract and Policy Memorandums 19-08 and 25-08 and 28-10.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume duties as project Manager for all aspects of the work (A registered Professional Engineer in the State of Illinois is preferred).
- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Testing Technicians.

- The Materials QA Technician.
- Structural Steel and Miscellaneous Materials Source Inspector
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Class**

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Quality Assurance: QA HMA and Aggregate)

Special Services (Quality Assurance: QA PCC and Aggregate)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

9. **Job No. D-91-233-11 Various Phase II projects for Plan Preparation, Plan Review and Surveying, Various Routes, Various Counties, Region One, District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

This project requires 15% DBE participation.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 28, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for plan preparation, plan review, and route surveying on various projects in District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Work orders may include contract plan preparation for various projects involving roadway and/or bridge improvements, preparation of miscellaneous plan and structure details, review of plans by consultants and local agency consultants for roadway and bridge reconstruction projects, obtaining pavement composition cores for resurfacing projects and providing supplemental field and bridge deck surveying for various projects.

The department will furnish the Consultant with available microfilm, pavement patching survey, bridge repair notes, and other available information.

The estimated construction cost of these projects may range from \$200,000 to \$3,000,000. The Consultant's work includes contract plan preparation, plan review, and route surveying for various projects. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and

must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

10. **Job No. C-91-245-11, IL 64 from 7th Avenue to Kautz Road and Kautz Road to IL 59, Phase III Project, Kane County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 8:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection services for the improvement of IL 64 from approximately 7th Ave. to Kautz Road and from Kautz Road to IL 59. The work includes, but is not limited to, pavement widening and resurfacing of the existing pavement to accommodate a bi-directional turn lane (a five lane cross section) and drainage system improvements. The proposed lane widths will consist of four, 12 foot wide through lanes, with a 12 to 14 foot wide painted median. Four retaining walls will be constructed. The existing roadway shoulder will be replaced with continuous combination concrete curb and gutter on both sides of IL 64. The existing open/closed drainage system will be replaced with a fully enclosed storm sewer system for the roadway. Existing street lighting on IL 64 is provided on an intermittent basis. New continuous roadway lighting will be installed from Dunham Road to 7th Avenue. The existing traffic signals on IL 64 from Atlantic Drive to West Mall Drive to 7th Avenue will be modernized and interconnected on this contract. Segments of existing watermain owned by the City of St. Charles will be replaced. The proposed scope of work on IL 64 from west of Kautz Road to IL 59 includes, but is not limited to, widening and reconstruction to provide for three lanes in each direction with shoulders separated by a wide landscaped median. The proposed pavement will be PCC. Additional work involves the reconstruction of the bridge carrying IL 64 over the UP / EJ&E Railroad and the construction of new retaining walls east and west of the bridge. The proposed drainage will be enclosed within a new storm sewer under the median and open ditch drainage on the outside. The traffic signals at five intersections will be replaced and interconnected. A new roadway lighting system will be installed from Kautz Road to IL 59. All incidental and collateral work necessary to complete the project is also included. All work will be done in English units.

The following Structures may be included:

- S.N. 045-W001 [EB IL 64, immediate west of Tyler Road]
- S.N. 045-W002 [WB IL 64 on the east side of Union Pacific RR.]
- S.N. 045-W009 [WB IL 64, approximately 400' east of Hunt Club Drive]
- S.N. 045-W010 [SE corner between IL 64 and Hunt Club Drive]
- S.N. 022-0190 [IL 64 over UP RR & EJE RR (east of Powis Road)]
- S.N. 022-W027 [NW Retaining Wall From UP RR & EJE RR Bridge]
- S.N. 022-W028 [NE Retaining Wall from UP RR & EJE RR Bridge]
- S.N. 022-W029 [SW Retaining Wall from UP RR & EJE RR Bridge]
- S.N. 022-W030 [SE Retaining Wall from UP RR & EJE RR Bridge]

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection

and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultants(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is October 31, 2012. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (A registered Professional Engineer in the State of Illinois is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA Complete prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

11. **Job No. C-91-244-11, I-55 from I-355 to the County Line Road and County Line Road to Kedzie Avenue, Phase III Project, Cook and DuPage County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection services for the improvement of I-55 from I- 355 to the County Line Road and for the County Line Road to Kedzie Avenue. Work includes, but is not limited to, seven miles of patching, milling and resurfacing with hot-mix asphalt of the inside expressway shoulder on I-55 from I-355 to County Line Road. Twelve miles of patching, milling and resurfacing with hot-mix asphalt of the mainline expressway pavement and ramps, bridge deck sealing of 20 structures and the replacement of the traffic system center impacted surveillance loops on I-55 from County Line Road to Kedzie Avenue. All incidental and collateral work necessary to complete the project is included. All work for this project will be in English units.

The following Structures may be included:

- S.N. 016-0001 – [WB I-55 over EB Joliet Rd]
- S.N. 016-0003 – [I-55 over Wolf Rd & Flag Cr]
- S.N. 016-0004 – [EB I-55 over BNSF RR]
- S.N. 016-0005 – [WB I-55 over BNSF RR]
- S.N. 016-0006 – [EB I-55 over Access Rd]
- S.N. 016-0007 – [WB I-55 over Access Rd]
- S.N. 016-0008 – [EB I-55 over BNSF RR]
- S.N. 016-0009 – [WB I-55 over BNSF RR]
- S.N. 016-0012 – [WB I-55 over CSXT RR]
- S.N. 016-0013 – [EB I-55 over CSXT RR]
- S.N. 016-0014 – [EB I-55 over San & Ship Canal]
- S.N. 016-0015 – [WB I-55 over San & Ship Canal]
- S.N. 016-0016 – [EB I-55 over IL 50 (Cicero Ave)]
- S.N. 016-0017 – [WB I-55 over IL 50 (Cicero Ave)]
- S.N. 016-0018 – [EB I-55 over BRC RR]
- S.N. 016-0019 – [WB I-55 over BRC RR]
- S.N. 016-2678 – [I-294 Ramps over I-55]
- S.N. 016-2687 – [I-294 Ramps over Joliet Rd]
- S.N. 016-2704 – [I-55 over the Des Plaines River]
- S.N. 016-0744 – [Pulaski Rd Ramps over I-55]

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and

any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultants(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is October 31, 2011. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (A registered Professional Engineer in the State of Illinois is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA Complete prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

12. **Job No. P-91-247-11, Various Survey Projects, (NPDES Compliance), Various Route, Various Counties, Region One, District One**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation

The **Complexity Factor** for this project will be **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial on **February 3, 2011 at 10:30 A.M.** at the Region One, District One office in **Schaumburg**.

Phase I/II engineering services are required, under a work order agreement, to perform field surveys for various roadway projects throughout the District. Work Orders under the blanket agreement will be negotiated by the department on an as-need basis. All work for this project will be in English units.

The Consultant's work may include, but is not limited to, route and stream surveys, gathering topography, cross-sections, profile, existing and proposed centerline alignment, drainage inverts, right-of-way monumentation, and land use determination, hydraulic and centerline plots, plotting of the field information collected, outfall mapping using high accuracy GPS data collector to import to ARC GIS, and possibly supplementing the District Survey staff for establishing control for mapping projects.

The Consultant will perform required tasks for this project on a timely basis and in accordance with State specifications. The Consultant will be required to document that each submittal has resulted from the requisite QC/QA review by the Consultant prior to submittal to the department.

It is anticipated that this contract may include six or more projects during the contract period. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

Statements of Interest, including resumes of the key

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.
- Survey Party Chief, if different from person above, who will coordinate all field work for the Consultant.
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Land Surveyor).

Statements of Interest must include also include the proposed QA/QC plan as to how the firm will review internal work as well as assigned IDOT projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

13. **Job No. D-91-240-11, FAP 326 (IL 47) over Virgil Ditch # 2, Phase II, Kane County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the removal and replacement of the structure carrying IL 47 over Virgil Ditch #2. The proposed improvement is expected to include raising the roadway profile within the limits of the improvement to correct the deficient vertical sag curve for the 60 mph design and to meet the required hydraulic criteria. It is anticipated that the roadway shoulders will be widened and stage construction will be utilized. The improvement may also provide for temporary traffic signal, lighting and other incidental work required to complete the project. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 045-0023 –existing (S.N. 045-0078-proposed)-IL 47 over Virgil Ditch #2

The department will furnish the Consultant with the Project Report, Location Drainage Study, Hydraulic Report, Bridge Condition Report, available microfilm plans, and other existing data available.

The estimated construction cost for this project is \$ 2,625,000. The Consultant's work includes preparation of TSL, geotechnical report, supplemental survey and all other works required to complete the improvement. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and

must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

- The person who will perform the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement maybe completed by Sub and/or Prime.
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Land Surveyor and/or an Illinois Licensed Professional Engineer). Route survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

14. **Job No. D-91-243-11 Various Geotechnical Projects, Various Routes, Various Counties, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for all work required for preparation of Roadway Geotechnical Reports (RGRs) and Structure Geotechnical Reports (SGRs) at various locations in Region One/District One. In addition to RGRs and SGRs, the work may also consist of pavement cores and evaluations, ground water studies, and specialized geotechnical analysis and design as needed. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will furnish the Consultant with the available plans, historical data, and survey bench marks necessary to perform the work.

The Consultant's work includes all management, layout, provisions for traffic control, drilling, laboratory testing, analysis, drafting, and report preparation necessary for RGRs and SGRs or other projects as assigned. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

The prime firm must be prequalified in the following categories to be considered for this project:

Geotechnical Services (Subsurface Explorations)
Geotechnical Services (General Geotechnical Services)
Geotechnical Services (Structure Geotechnical Reports (SGR))

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

15. **Job No. D-91-013-98, I-55 at Blodgett Road and Blodgett Road over Grant Creek, Phase II, Will County, Region One, District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the removal and replacement of the Blodgett Road Bridge over I-55 and improvement of Blodgett Road bridge over Grant Creek. The Blodgett Bridge over I-55 is proposed to be removed and replaced with a new bridge for bicycle path and emergency vehicle access. The proposed improvement to the Blodgett Road Bridge over Grant Creek is expected to be removal and replacement of the bridge superstructure. It is anticipated that the substructures at Grant Creek will have to be repaired and the approach slabs removed and replaced. The improvement may also require new bridge lighting and any other incidental work required to complete the project. All work for this project will be in English units.

The following structures are included in this project:

- SN 099-0182 existing (Blodgett Road over I-55)
- SN 099-0181 existing (Blodgett Road over Grant Creek)

The department will furnish the Consultant with the Project Report, Location Drainage Study, available microfilm plans and other existing data available.

The estimated construction cost for this project is \$ 2,000,000. The Consultant's work includes preparation of Bridge Condition Report, TSL, geotechnical report, surveys, and all other works required to complete the improvement of I-55 at Blodgett Road and Blodgett Road over Grant Creek. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement maybe completed by Sub and/or Prime.
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). Route survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

16. **Job No. P-92-026-11, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 8, 2011 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and/or II engineering services are required for various projects throughout District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analyses, geometric studies, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analyses, type, size and location (TS&L) drawings, structure plans, and other related work and exhibits necessary to produce the Project Report.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, geometric studies, and preparation of type, size and location (TS&L) drawings, structure plans, roadway plans, and any other related work to complete final plans, special provisions and estimates.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering sources required may consist of only a portion of the total engineering work on a certain project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction cost for these projects may range from \$200,000 to \$4,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. This completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). Route survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in-charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Special Studies (Location Drainage)
Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted concurrently to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

17. **Job No. P-92-080-10, Various Land and Route Survey Projects, Various Routes, Various Counties, Region Two/District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires **10% DBE** participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required to furnish various land and route surveys throughout District Two. Work is anticipated to include field office assistance for surveys to establish or re-establish section corners, reference said corners to centerlines, preparation of a cover sheet, Right-of-Way Plats, Easement Plats, Premise Plats, legal descriptions, Monument Record Plats (copies of recorded Monument Record Plats to be furnished by the Consultant), section Corner Plat of Survey, and staking plans for projects of approximately 20 parcels. Work orders under the blanket agreement will be negotiated and authorized by the department on as as-needed basis. All work for this project will be in English units.

In addition, the Consultant selected may perform various route survey functions, including, but not limited to horizontal and vertical control for aerial mapping projects and topographic surveys. The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data.

The department will furnish the Consultant with alignment data, Title Reports, Existing Right-of-Way Plats, and Proposed Right-of-Way requirements when available.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).
- The person who will perform/supervise the work in the area of land surveying (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

18. **Job No. P-92-001-11/D-92-001-11, US 52/IL 64 over the Mississippi River, Phase I and II Engineering Services, Carroll County, Region Two/District Two.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **February 1, 2011 at 10:00 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Type, Size and Location (TSL) plan, Structural Geotechnical Report (SGR) and contract plans for the total replacement of the existing Iowa approach spans and the new bridge that will carry US 52 over the Mississippi River between Savanna, IL - Sabula, IA. All work for this project will be in English units.

Phase I may consist of the District 2 staff preparing the Design Report and the consultant assisting with the TSL, the SGR, redesign of a portion of the Iowa causeway and preparing of the Environmental Assessment (EA) and related work. It is expected that the new bridge will have increased width and will be on new alignment to the south of the existing location to eliminate the need for an excessive detour route. The Geotechnical work will require the use of a barge and/or other means necessary to obtain structure boring information. Proposed right-of-way documents may be completed by the consultant and it is estimated that several relocations may be necessary. Public Involvement is anticipated.

In addition, Phase I and II engineering services may be required for preparation of repair plans as needed on the existing bridge to ensure that the structural integrity is maintained until the entire bridge design is completed. In addition, roadway work along IL 84 from approximately Randolph St. north to the main entrance of the Mississippi Palisades State Park is anticipated. This work could consist of widening the existing shoulders, upgrading the existing guardrail, culvert replacement, and roadway resurfacing.

Phase II work may include preparation of detailed design contract plans, traffic management plan (TMP), cost estimates, cross sections, final bridge plans, roadway plans, drainage plans, traffic signal plans, lighting plans, special details, special provisions, quantities and cost estimates, and any other related work to complete final plans, specifications, and estimates. Coordination with other agencies is anticipated with this project.

The following structure is included with this project:

- S.N. 008-6000 – US 52 over Mississippi River and Iowa approach – Total Replacement

The department will furnish the Consultant with any available as-built/existing plans; 2009 NBIS bridge inspection reports, topographic survey data, bathymetric surveys, section corner data and any additional surveys as required, microfilm plans; approved bridge condition report, existing right-of-way plats, approved hydraulic report, title reports, proposed right-of-way requirements and any other available information.

The estimated construction cost for this project is \$67,600,000. The completion date for Phase I contract will be 24 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois and Iowa Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois and Iowa Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois and Iowa Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge of route surveys (must be an Illinois and Iowa Licensed Professional Engineer or an Illinois and Iowa Licensed Professional Surveyor). Route Surveys prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform/supervise the work in the area of land surveying (must be an Illinois and Iowa Licensed Professional Land Surveyor). Land Surveys prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois and Iowa Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois and Iowa Licensed Professional Engineer for roadway work, must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience and an Illinois and Iowa Licensed Professional Land Surveyor for land surveys).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, traffic noise, community impacts and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recently approved Statement of Experience and Financial Condition.

Prime firms must be prequalified in the following (IL DOT) categories to be considered for this project:

**Location/Design Studies (New Construction/Major Reconstruction)
Highways (Roads & Streets)**

In addition, the prime Consultant must be prequalified in at least three (3) of the following Structure, Major River Bridges categories: **Steel Girder, Tied Arch, Segmental Concrete Box Girders, Continuous/Cantilever Truss, and/or Cable Stayed Girders.**

Also, the prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in the firm's most recently approved Statement of Experience and Financial Condition or your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

19. **Job No. C-92-046-11, Various Phase III Projects, Various Routes, Various Counties, Region Two/ District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2011 at 10:30 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering serviced required to complete these projects. The projects may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The estimated construction costs for these projects are \$200,000 to \$12,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this project will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer
- The Materials QA Technician/Inspector(s) - Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

20. **Job No. C-92-047-11, Various Phase III Projects, Various Routes, Winnebago County Only, Region Two/ District Two.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 12% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2011 at 1:30 P.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for various projects in Winnebago County, District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering serviced required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The estimated construction costs for these projects range from \$200,000 to \$12,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer

- The Materials QA Technician/Inspector(s) - Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

21. **Job No. D-94-011-11, Geotechnical Investigations for the IL 336 Northeast Quadrant of the Macomb Bypass from US 67, north of Spring Lake Road to US 136(E), east of Macomb, McDonough County, Region Three/District Four.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scoping meeting on **January 28, 2011 at 10:00 A.M.** at the Region Three/District Four Office in **Peoria**.

Phase II geotechnical engineering services are required for roadway and structure borings, geotechnical investigations, and preparation of geotechnical report(s) for the proposed four-lane freeway designated IL 336 from approximately US 67, north of Spring Lake Road to US 136(E), east of Macomb. The project is approximately six miles in length with the proposed alignment running along the northeast quadrant of the Macomb Bypass. All work for this project will be in English units.

Work required for this contract may include soil line borings for the proposed mainline pavement, proposed ramp pavement, and off-system streets requiring widening in excess of six feet. Work may also include back-slope, structure, and culvert borings. Using the data obtained from the field investigations, the Consultant shall prepare soils reports for use in separate Phase II design engineering for this project. The Consultant will be responsible for all field work, lab work, and analysis necessary to produce an acceptable soils report. The rural nature of this project may require special equipment. All necessary traffic control will be the responsibility of the Consultant. All necessary boring layout, including survey for horizontal and vertical control, level survey to determine ground surface elevation of borings, and determining GPS coordinates of the boring locations, will be the responsibility of the Consultant.

The department will furnish the Consultant with a copy of the Project Report and all other pertinent Phase I engineering and survey data.

The estimated construction cost for this project is \$120,000,000. All work shall be in accordance with the Department's Geotechnical Manual, All Geotechnical Users Memorandums, Bridge Manual, and other Department references as applicable. The completion date for this contract will be 36 months after authorization to proceed.

The Consultant must own or have access to conventional drill rig(s) as well as a track-type, all-terrain vehicle drill rig. All drill rigs shall have an automatic-type hammer. The Consultant will be required to own the software program gINT, Version 8.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will perform the duties of Senior Soils Engineer for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Soils Engineer (the individual who is directly in charge of the development of the reports).

- The drilling technician who performs the logging in the field (must have a minimum of five years experience).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). The Route Survey prequalification category requirement may be completed by Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Geotechnical Services (Subsurface Exploration)
Geotechnical Services (General Geotechnical Services)
Geotechnical Services (Structure Geotechnical Reports)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment at the following address:
SOIPTB@dot.il.gov.

22. **Job No. P-94-013-04, FAI 74 (I-74)/CH 9, Reconstruction of Two Structures on CH-9 over I-74 in Knox County, Region Three/District Four.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 28, 2011 at 1:00 P.M.** at the Region Three, District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and contract plans for deck replacement with superstructure and deck widening for the two structures (S.N. 048-0044 and S.N. 048-0045) carrying CH 9 over I-74 north of Knoxville in Knox County. All work for this project will be in English units.

The Consultant's work is anticipated to include preparation of the Project Report, and conducting route and land surveys, performing simple environmental assessments, preparing Bridge Condition Reports, Structure Reports, and Structure Geotechnical Reports, including structure borings, performing structure inspections of the existing structures, and preparing Type, Size and Location (TS&L) drawings for the replacement structures. Also, this work may include data collection, cost estimates, traffic management analysis, and accident analysis, inspection of existing structures to determine staging possibilities, and other related work and exhibits to produce the Project Report, as necessary. The Consultant will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will also include performing drainage studies, preparing bridge and roadway plans, preparing traffic control plans, and any other work necessary to complete final contract plans and documents.

The department will furnish the Consultant with any available plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photographs, boring logs, structure ratings, and other available information.

The estimated construction cost for this job is \$3,420,000. The completion date for Phase I work for this contract will be completed in 18 months after the authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II work will be completed 12 months after authorization to proceed with Phase II.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of structural engineering (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Geotechnical Structure Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services (Subsurface Explorations, General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). The Route Survey prequalification category requirement may be completed by Sub and/or Prime Consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). The Land Survey prequalification category requirement may be completed by Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

**Location/Design Studies: Rehabilitation
Highways (Roads & Streets)
Structures (Highway: Typical)**

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

23. **Job No. D-94-010-11, Various Phase I/II Projects, Various Routes, Various Counties, Region Three/District Four.**

This contract will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 25% DBE participation.

The Complexity Factor for this project is **0**.

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend a negotiation meeting on **January 28, 2011 at 9:00 A.M.** at the District Four Office in Peoria.

Phase I and II engineering services are required for work on various projects throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports, Type Size and Location (TS&L) plans, Intersection Design Studies, and Project Reports (categorical exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, geometric studies, traffic studies, drainage studies, structure borings, geotechnical analysis and reporting, all drilling and analysis of soil borings, analysis of existing pavements including obtaining pavement cores, and all other related work required to produce the necessary Phase I documents and reports.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, structure plans, roadway plans, drainage, geometric plans, geotechnical analysis and reporting, all drilling and analysis of soil borings, traffic signal plans, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for right of way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

The department will furnish the consultant with any available as-built plans, field notes and survey books, traffic data, accident information, structure inspection reports, existing bridge condition reports, existing hydraulic reports, existing right of way plans, aerial photos, aerial mapping, electronic design files, boring logs, soil reports and other information that is available.

The estimated construction costs of each project may range from \$100,000 to \$3,500,000. It is anticipated that this contract will include approximately six (6) to fifteen (15) different projects. The engineering services required may consist of only a portion of the total engineering work on a given project. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Geotechnical Structure Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services (Subsurface Exploration, General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform/supervise the work in the area of structural engineering (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). Route Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land acquisition documents (Must be an Illinois Licensed Land Surveyor).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

24. **Job No. P-95-045-10/D-95-045-10, Phase I/II Various Projects, Various Routes, Various Counties, Region 3/District Five.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 27, 2011 at 10:30 A.M.** at the Region 3/District Five Office in **Paris**.

Phase I and/or II engineering services are required for work on various projects in District Five. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant's Phase I work, if required, may consist of conducting hydraulic and route surveys, subsurface utility engineering, preparing Structure Geotechnical Reports, drilling and analysis of soil borings, hydraulic analysis, geometric studies, and preparing project reports (Categorical Exclusion reports only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, traffic management plans, accident analysis, quantity computations, and other related work items required to produce a project report.

The Consultant's Phase II work, if required, may consist of conducting route surveys, land surveys, right of way plat and plan preparation, writing legal descriptions, staking right of way, hydraulic analysis, geometric studies, roadway plans, TS&L drawings, pre-final structure plans, final structure plans and any other related work required to complete final plans, special provisions, and estimates as necessary.

The department will furnish the Consultant with traffic data, bridge condition reports, hydraulic reports, existing plans, utility coordination, survey data, Microstation files, Geopak files, boring logs, and accident data when available.

The estimated construction cost for each project will range from \$10,000 to \$5,000,000. It is anticipated that this contract will include approximately 4 to 10 different projects. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Structures (Highway: Typical)
Highways (Roads & Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

25. **Job No. D-95-032-07, FAP 704 (I-55 Business, Veteran's Parkway), I-55 Business over I-74 SW of Bloomington, McLean County, Region Three/District Five.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 28, 2011 at 10:00 A.M.** at the Region Three/District Five Office in **Paris**.

Phase II engineering services are required for the preparation of structure plans, specifications, and estimates for the replacement of multiple structures over I-74. All work for this project will be in English Units.

The following structures are included in this project:

- S.N. 057-0059 Ex., 057-0251 Prop., I-55 Business (NB) over I-74 (EB)
- S.N. 057-0060 Ex., 057-0252 Prop., I-55 Business (SB) over I-74 (EB)
- S.N. 057-0061 Ex., 057-0253 Prop., I-55 Business (NB) over I-74 (WB)
- S.N. 057-0062 Ex., 057-0254 Prop., I-55 Business (SB) over I-74 (WB)

The Consultant's work is anticipated to include preparation of SGR'S, TS&L's, PDO's, pre-final and final structure construction plans, which include stage construction.

The department will furnish to the Consultant the Bridge Condition Report, available as-built construction plans, available surveys, and any other available information.

The estimated construction cost for this project is \$11,600,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

26. **Job No. D-96-542-02; FAP 310 (US 67), from future IL 125 interchange in Beardstown to Cass County, Region Four, District Six**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 17% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **February 1, 2011, at 1:30 P.M.** in the Region Four, District Six Office in **Springfield**.

Phase II engineering services are required for route survey (pick-up), land surveys, hydraulic analysis, geometric studies, preparation of TS&L plans, structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates for approximately two construction contracts (one roadway; one landscaping – possibly more if broke down into smaller contacts) associated with this 10.5 miles of new four-lane expressway. All work for this project will be in English units.

The following structures are included in this project:

- SN 009-0505 (NB), SN 009-0506 (SB); US 67 over Indian Creek; dual, three-span bridges)
- Other minor structures may be included.

The department will furnish the Consultant with available field survey notes, as-built construction plans, existing right-of-way plans, soil boring logs, geotechnical report, and approved project reports.

The estimated construction cost for this project is \$63,500,000. The Consultant's work includes completing plans, specifications, and estimates for these two construction contracts. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). The Route Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

27. **Job No. D-96-007-11; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **January 28, 2011, at 10:00 A.M.** in the Region Four, District Six Office in **Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. No work on these projects is to occur until the work order is assigned.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction costs of each project may range from \$100,000 to \$3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). Surveys: Route Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Location Design Studies (Rehabilitation)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

28. **Job No. D-96-005-11; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **February 2, 2011 at 10:00 A.M.** in the Region Four, District Six Office in **Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. No work on these projects is to occur until the work order is assigned.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction costs of each project may range from \$100,000 to \$3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). Route Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

29. **Job No. D-96-004-11; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **January 28, 2011, at 1:30 P.M.** in the Region Four, District Six Office in **Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. No work on these projects is to occur until the work order is assigned.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction costs of each project may range from \$100,000 to \$5,000,000. It is anticipated that this contract will include approximately 5 to 20 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). Route Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Location Design Studies (Rehabilitation)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

30. **Job No. P-98-022-11; D-98-022-11, FAP 592 (IL 157), Total Structure Replacement over St. Clair Avenue, Metrolink RR, Phase I/II, St. Clair County; Region 5/District Eight.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant is using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Phase I and Phase II engineering services are required for the replacement of the structure carrying IL 157 over St. Clair Avenue, Metrolink RR, and Schoenberger Creek. The structure must meet current vertical clearances for railroad and roadway, which may increase the profile(s). The existing structure is approximately 476 feet back to back of abutments.

Phase I engineering services required for this project include surveys, the preparation of a crash analysis, public involvement, geometric studies, Bridge Condition Report, environmental coordination and all other work necessary to prepare a Project Report for Design Approval. In addition, the preparation of a Type Size and Location (TS&L) plan will be required. All work for this phase of the project will be in English units.

Phase II engineering services required for this project include and the Plans, Specifications and Estimate (PS&E) package for the anticipated replacement of the bridge. This PS&E package includes the structural plans, roadway plans, special provisions, estimate of time and estimate of cost.

Structure, S.N. 082-0088 (Old) IL 157 over St. Clair Ave., Metrolink RR and Schoenberger Creek is included in this project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, traffic data, crash statistics, agency coordination, existing right of way plans, and other information deemed applicable to the Consultant's work.

The estimated construction cost for this project is \$10,600,000. The completion date for Phase I work for this contract will be completed in 24 months after the authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II work will be completed 12 months after authorization to proceed with Phase II.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Structural Engineer, that individual in charge who is directly involved in the development of the contract structural documents (must be an Illinois Licensed Structural Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Advanced Typical)
Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

31. **Job No. P-98-026-11/D-98-026-11, Various Phase I and/or Phase II Projects, Various Routes, Various Counties, Region Five / District Eight.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend the scope of services meeting on **February 1, 2011 at 9:30 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may consist of hydraulic analysis, conducting geometric studies and reviews, preparing TS&L plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, soils analyses, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of geometric studies, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple roadway patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, roadway widening and resurfacing, roadway reconstruction, and design on new roadway alignments. Projects may also include design of partial access controlled and access controlled highways on existing and/or new alignments.

In addition, the Consultant may also be required to provide Computer Aided Drafting Design (CADD) support. It is anticipated that one or more CADD persons from the Consultant may be required to conduct work in the District 8 office 3-5 days per week.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultant's work.

The estimated construction costs of each project may range from \$100,000 to \$5,000,000. It is anticipated that this contract will include approximately 5 to 20 different projects. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of work (must be an Illinois Licensed Professional Engineer).

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will provide CADD support (must have 3-5 years experience using Microstation and Geopak in a Civil Drafting environment, be proficient in evaluating and editing tin models, and have a working knowledge of MS Excel and MS Word).
- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)
Structures (Highway: Typical)
Hydraulic Reports (Waterway: Typical)
Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

32. **Job No. C-98-026-11 Phase III Services for I-270 over the Mississippi River Chain of Rocks Canal and the Mississippi River in Granite City, Madison County, Region Five, District Eight**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This Project requires 20% DBE participation

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, material testing, record maintenance and construction layout. This work is anticipated to consist of construction of a new structure to carry I-270 over the Mississippi River Chain of Rocks Canal. The work includes new steel beams, PCC bridge deck, and new approaches. All work for this project may be in either English or metric units.

The Consultant may be required to perform on-site inspection and provide construction layout as directed by the engineer. The Consultant will also maintain records, documentation, and perform any other duties as directed by the engineer to complete this project on a timely basis

The Consultant's work force shall be adequate to allow completion of this project in a timely manner. The Consultant may be required to furnish all of the construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, and perform other duties as directed by the engineer

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The department may provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. If provided, the Resident Engineer will direct/coordinate the activities of the Consultant staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide a staff to perform the engineering services required for this project or provide staff to supplement the department's staff.

The department will furnish the Consultant with construction plans and specifications.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region 5/District Eight for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of the project as required. The project is scheduled for construction during the 2011, 2012 and 2013

construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer
- Engineering Technician
- Materials Coordinator(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- Proportioning Technician(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the **Documentation Certificate Number for IDOT class S-14**, Documentation of Contract Quantities.)
- The Materials QA Technician
- The Survey Chief
- Nuclear density inspectors are to include evidence of appropriate QC/QA density training and nuclear license.

The prime firm must be prequalified in **Special Services (Construction Inspection)** to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

33. **Job No. P-98-080-10, D-98-080-10, Various Phase I and Phase II Deep Well and Pump Station Analysis for Various Routes, Various Counties, Region 5/District Eight.**

This project will utilize the **Direct Labor Multiple (DLM)** method for compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 28, 2011 at 10:00 A.M.** at the Region 5/District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various deep well and pump station projects in District Eight. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Phase I work, if required, may include but not be limited to conducting hydraulic surveys, hydraulic analyses, preparing Hydraulic Reports, assessing condition of existing pump stations/deep wells to include electrical, mechanical and control systems, conducting system-wide analyses of pump stations and deep wells for short and long term planning of improvements, defining rehabilitation alternatives and preparing recommendations and cost analyses.

The Phase II work, if required, may include but not be limited to plan review, preparing contract plans, special provisions and estimates, facility field testing and start-up and preparation of Operation and Maintenance Manuals. The various proposed projects may consist of pump station repair and/or replacement, deep well rehabilitation and new well design.

The department will furnish the Consultant with any available as-built plans, microfilm plans, existing equipment cut-sheets, deep well discharges values, on/off pump elevations for existing conditions, field notes, boring logs and other available information deemed applicable to the Consultant's work.

The Consultant's work may consist of either entire projects or a portion of the total engineering required for a certain project.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer). Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last 5 years. Experience in deep well design should be noted.
- The person who will perform the work in the area of electrical and control system design (must be an Illinois Licensed Engineer).
- The person who will perform the work in the area of mechanical system design (must be an Illinois Licensed Engineer).
- The person who will perform the work in the area of structural documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineers with specialization in the area of engineering performing work review and must be an Illinois Licensed Structural Engineer for structural work portion).

The prime firm must be prequalified in the following categories to be considered for this project:

Hydraulic Reports (Pump Stations)
Special Plans (Pumping Stations)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

34. **Job No. D-30-007-11, Statewide Structural Engineering Services, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 27, 2011, at 10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering, geotechnical/foundation, and hydraulic services are required by the Bureau of Bridges and Structures. Projects are anticipated to include NBIS and Element Level Inspections and training, Damage Inspections, plan preparation for the repair, rehabilitation, or replacement of structures, Load capacity rating of existing and/or new structures, drafting services and possible field investigations. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time period.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months

Key personnel listed on **Exhibit A** for this project must include:

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (SGR) prequalification category may be completed by the Prime and/or Sub.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).
- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical pre-qualification category requirement may be completed by the Prime and/or Sub.
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

The prime firm must be pre-qualified in the **Structures (Highway: Advanced Typical)** category to be considered for this project.

Statement of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

35. **Job No. D-30-008-11, Statewide Structural Engineering Services, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 27, 2011, at 11:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering, geotechnical/foundation, and hydraulic services are required by the Bureau of Bridges and Structures. Projects are anticipated to include NBIS and Element Level Inspections, Damage Inspections, plan preparation for the repair, rehabilitation, or replacement of structures, Load capacity rating of existing and/or new structures, drafting services and possible field investigations. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time period.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months

Key personnel listed on **Exhibit A** for this project must include:

- Person who will assume the duties of Project Manager for aspects of the work (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (SGR) prequalification category may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).

- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical prequalification category requirement may be completed by the Prime and/or Sub.
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statement of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

36. **Job No. C-30-010-11, Structural Steel Shop Fabrication Inspection Statewide, Bureau of Bridges and Structures.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 28, 2011 at 10:00 A.M.** at the Central Bureau of Bridges and Structures office in **Springfield**.

Attachment A, showing Inspection Requirements, is enclosed for your consideration.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. If interested in providing these services for the department, please provide the following information:

- 1) Your firm's previous experience with this type of work and Illinois Department of Transportation (IDOT) specifications;
- 2) Names of key personnel along with one page resumes indicating technical and managerial qualifications;
- 3) Availability of inspection personnel and your firm's anticipated workload during the next two years;
- 4) Branch office locations;
- 5) Firm's calculated burden and overhead rate.

Since, the location and duration of projects to be covered by this contract are uncertain, we are providing the following estimated annual requirements:

<u>Inspector Qualifications</u>	<u>Straight Time</u> <u>(Hours)</u>	<u>Overtime</u> <u>(Hours)</u>
CWI and UT Level II (Shop)	50	10
CWI (Shop)	2000	100
Non CWI (Shop)	350	50
UT Level II (Field)	20	0
Inspection Manager (Site Meeting)	10	0

Services will also entail an estimated: 240 days of per diem and significant travel.

Each inspector is expected to be a member of the agency's inspection staff. The use of temporary personnel hired from the local area for inspection shall be prohibited unless approved by the department on a case-by-case basis.

The contract will be monitored and administered by the IDOT Bureau of Bridges and Structures. The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 12 months.

If you have any questions concerning the project, please contact the Shop Drawings and Fabrication Unit in the Bureau of Bridges and Structures at 217/782-3586.

Procedural questions regarding Statements of Interest may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment's Consultant Unit at 217/782-6916.

Statements of Interest, including resumes of key people, must be **received** by the Bureau of Design and Environment prior to **12:00 p.m.** central time, **December 2, 2010** to be given consideration.

Submittals may be e-mailed to SOIPTB@dot.il.gov or send two (2) copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Jan Pisani, Consultant Unit,
Room 330
2300 South Dirksen Parkway
Springfield, Illinois, 62764

ATTACHMENT A

INSPECTION REQUIREMENTS

SECTION I - INSPECTORS

Quality Assurance (QA) Inspectors shall be fully-trained employees of the CONSULTANT, experienced in the inspection of materials, workmanship and procedures involved in the work. The use of personnel temporarily hired for inspection shall be prohibited unless approved by the DEPARTMENT on a case-by-case basis. QA Inspectors may not be in any position of self-interest, direct or indirect, with the producers or processors of the work involved. The name and address of each inspector expected to be employed in this work shall be filed by the CONSULTANT with the DEPARTMENT, together with a brief summary of qualifications. When more than one inspector is assigned to a project, the CONSULTANT shall designate one as the lead inspector, who will assume the responsibility of coordinating the inspection effort and filing all reports in addition to inspection duties. The CONSULTANT shall not change inspectors on the project without prior notification to the DEPARTMENT. The DEPARTMENT shall have the right to order the removal of any inspector from the DEPARTMENT'S work for failure to perform to the satisfaction of the DEPARTMENT.

1. The inspectors shall personally make inspections and reports as required by the DEPARTMENT for quality assurance (QA) of fabrication on assigned projects. They shall perform special tests, examinations and re-inspections when required by the DEPARTMENT.
2. Each inspector shall be familiar with the approved shop drawings and DEPARTMENT standard specifications pertaining to the fabrication inspected, as well as applicable codes and specifications of the American Welding Society (AWS) and American Society for Nondestructive Testing (ASNT).
3. No variations from the approved shop drawings or the Contract documents shall be permitted by the inspector, except upon specific instructions by the DEPARTMENT.
4. Each inspector assigned to a project shall be a Certified Welding Inspector (CWI), unless otherwise approved or specified by the Department, and well versed in applicable fabrication, non-destructive testing (including MT and RT interpretation), cleaning and/or shop painting techniques. Non-certified inspectors shall have at least one year of prior, supervised experience with the agency.
5. Inspectors shall be assigned and monitored by an Inspection Manager who is qualified to perform all tasks assigned to supervised inspectors. If the Engineer requests the Inspection Manager personally attend a prefabrication conference or on-site meeting, or perform sophisticated inspection services, the Inspection Manager will be billed at the overtime rate for a CWI & UT II (Shop) plus per diem and/or mileage, based on location and duration.
6. For ongoing projects, shop inspectors will be reimbursed for per diem or daily mileage and travel time from/to their home address, whichever is less. This allows per diem and mileage to be charged only for travel days at the beginning and end of a particular project, for intermittent inspection, or for prolonged periods of inactivity at a shop. Per diem will be paid

through weekends and shop holidays if it is less than estimated charges for the inspector to travel home and return to the shop.

7. Field (construction site) QA Inspectors will be reimbursed for per diem, and daily mileage/travel time for up to 40 miles or travel time to/from their home to the field site work, whichever is less.

SECTION II - CONDUCT OF INSPECTORS

QA Inspectors shall perform their duties under the contract in a courteous manner. They shall maintain fair and professional relations with personnel of the shops inspected and direct formal communication to the shop's Quality Control staff or management, as appropriate. QA Inspectors will not perform Quality Control duties for the shop or direct production personnel, except to note hazardous conditions that might result in injury or damage.

SECTION III - SHOP INSPECTION

QA Inspections typically cover steel or aluminum fabrication, but other materials may occasionally be involved.

Any shop error or material deficiency observed which, in the opinion of the inspector, may be cause for rejection shall be reported to the Contractor's QC or production management and the DEPARTMENT. Inspectors shall verify that repairs are made or report inadequate corrections to the DEPARTMENT. Inspections in the shop shall verify: the condition of materials, workmanship, dimensional accuracy, quality of welding, the proper application of heat, accuracy of punching, reaming and assembly, proper torque of bolts, fit of machine finished joints, conformance of cleaning and painting to the contract specifications, etc. QA Inspectors shall identify significant or recurring defects and document the adequacy of the Contractor's corrective actions and Quality Control Plan.

The following list is not all-inclusive, but shows typical inspector activities to verify compliance with contract requirements.

1. General surface inspection as material is processed and exposed to view, noting imperfections. View cut edge of plates for indications of internal defects.
2. Observe thermal cutting and computer numerically controlled (CNC) equipment to determine if it appears to be performing properly.
3. Check the mill identification, sizes of sections and thickness of plates, verifying that approved materials are used, with special attention to the use and location of Fracture Critical Material.
4. Determine that dies and punches are in acceptable condition, of correct size, and used within the limits set by the contract, the manufacturer or industry practice as appropriate.
5. Check that reamed holes are cylindrical, that burrs are removed and no drilling debris remains between shop contact surfaces.

6. Periodically monitor the installation and tightening of high strength bolts to insure that the selected tightening procedure is properly used. Each day that bolts are to be installed in slip critical connections, rotational capacity tests shall be performed and inspection wrenches shall be calibrated in a device indicating bolt tension prior to testing.
7. Steel templates for reaming or drilling shall have hardened bushings positioned based on the inscribed centerlines used to locate each template, and they shall be properly secured.
8. Bolted splice plates shall be properly fitted and secured prior to reaming or drilling. Parts assembled for drilling or reaming holes to full size shall be aligned and secured after verifying proper hole spacing and edge distances.
9. Techniques used in assembling beams, girders, trusses, rigid frames or arches shall not damage members, and the desired geometry (camber, horizontal curvature, etc.) shall be verified before reaming, unless otherwise approved by the Engineer.
10. Field bolted splices and other reamed assembled (RA) or drilled assembled (DA) elements shall be plainly match-marked, and the match-marking diagrams shall be checked. Erection (piece and match) marks shall be made with low or mini-stress dies in areas of members and splice plates specified on the shop drawings.
11. Check pins, bushings and pin holes for size, location and surface finish. Obtain certification of pin and bushing material and any required heat treatment process.
12. All finished members shall be free of general or localized twists, bends, kinks or other distortions exceeding contract tolerances.
13. All loose pieces are to be bolted or otherwise secured for shipment, and small parts properly cushioned and boxed or otherwise secured against loss and damage in transit.
14. Check for "lefts" or "rights" and number of parts.
15. Surfaces to be shop coated shall be properly cleaned and surface profile verified prior to application. Priming must be done within 24 hours of cleaning and prior to any surface rusting.
16. ILDOT-approved batches of paint are to be applied in accord with the contract and manufacturer's product data sheet. Verify paint batch approval by the DEPARTMENT. Monitor mixing of components, humidity, metal and air temperature and application patterns.
17. All thermal cutting shall be mechanically guided. No hand-held thermal cutting of final edges shall be allowed without the approval of the DEPARTMENT, and re-entrant cuts must be finished in accord with contract requirements.
18. Verify QC measurements for center to center of bearings, camber and sweep. Make random checks of stiffener and lateral bracing locations as well as their hole layouts. If errors are found, require more complete dimension checks by QC to define extent of the problem.

19. Check workmanship (dimensionality, straightness, finish, etc.) in accordance with requirements of applicable specifications.
20. Check that splice plates and fills are properly positioned before drilling or reaming. No metal fragments or foreign material other than paint shall remain between shop bolted components.
21. Mill test reports should be obtained from the contractor's QC or the DEPARTMENT and correlated with the primary member material used in the structure. A material assignment sheet may be obtained from QC or developed by the QA Inspector. Mill reports or independent lab tests must verify satisfactory toughness testing for "CVN", "NTR" or Fracture Critical material. The material grade (e.g.: Gr. 36, 50, 50W) must comply with the shop drawings. All steel material shall be certified on the mill report to be domestically produced ("Melted and Manufactured in the USA" or similar).
22. Report significant fabrication deficiencies (e.g.: requiring substantial removal and replacement of welds or paint, mislocated holes, misaligned members) on the daily log, including their cause and correction. Proposals to correct errors potentially affecting the adequacy of the member shall be submitted by the QC to the DEPARTMENT prior to repairs. Attachment and removal of temporary fabrication or handling must employ DEPARTMENT approved methods.
23. Any erection devices shown on the approved shop drawings warrant the same inspection required for permanent material, but mill test reports and evidence of domestic origin are not required for temporary items not purchased by the DEPARTMENT.

SECTION IV - WELDING

Prior to Welding:

1. The QA Inspector shall verify the current qualifications of each welder for process(es) and position(s) used on the project. Welder qualification shall be performed in accord with the applicable AWS code (D1.1, D1.2 or D1.5), and the QA Inspector may witness alignment of the test plates, the welding preparation of the coupons, and/or tests performed in the fabricator's shop. (In the absence of test facilities in the shop, the fabricator shall forward the properly identified coupons to a testing laboratory acceptable to the Department). Also, discuss with quality control the traceability of each welder's work, noting that no permanent indications (die stamps, welded figures) shall be allowed on finished work.
2. Ensure weld procedures are ILDOT approved and understood by the welders, welding foremen and quality control.
3. Prior to fitting welded joints, examine the condition of the material, especially for defects or contamination in the joint area.
4. Check fit-up of joints that are to be welded, including root face, angle of bevel, the alignment of the parts, and the uniformity of root opening.

5. When applicable, ensure run-on/run-off tabs are of adequate length, shape and size to allow full weld throat the entire length of the joint.
6. Check surfaces to be welded for cleanliness, with mill scale and rust removed to the extent required, and absence of moisture, lubricants or other foreign material detrimental to welding.
7. Visually inspect tack welds for integrity and defects. They are to be as small as practical. No temporary welds are allowed on any flange or web solely for positioning or restraint. Tack welds on flanges and webs must be incorporated in the final weld.
8. Review weld joints shown on the shop drawings for potential conditions which may require weld sequencing or heating parameters not specified on the approved weld procedure, and notify QC and the DEPARTMENT of such situations.
9. Review shop report forms utilized for nondestructive testing and discuss any concerns with Quality Control.
10. Discuss the condition and calibration of welding equipment with Quality Control. Verify gauges (amperage, temperature, wire feed speed, voltage, etc.) are periodically checked for accuracy and adjusted or replaced if necessary, and that calibration equipment is periodically certified and properly utilized.

During Welding:

1. Ensure the correct weld consumables are utilized, are in satisfactory condition and are stored properly to prevent damage. Bridge welding requires low-hydrogen processes, so consumables must be reconditioned or replaced after exposure, as provided by the specifications.
2. Periodically observe the technique and performance of welders to ensure procedures and techniques conform to the contract. For fracture critical joints, plan for sequential inspection of multiple-pass welds. Arrange with the QC for the foreman to notify the QA Inspector when such work will be performed.
3. Ensure welding is done in accordance with the approved procedures, periodically verifying that the current, amperage, voltage, travel speed, preheat and interpass temperatures are within tolerances.
4. Ensure welds start in the area where weld is to be deposited. Tack welds shall be located and sized (after grinding) to be completely incorporated in the production weld unless they are made using an approved weld procedure. Cracked tack welds shall be removed before welding over their location.
5. On subsequent passes for flange and web butt joints, observe if split layer technique is properly used where required.
6. Verify that the root and intermediate passes are cleaned and deficiencies corrected before succeeding weld passes. Wire brushing, grinding or chipping may be used to

remove slag between weld passes, but no unspecified peening or distorting ("caulking") of weld metal shall be permitted without the specific approval of the DEPARTMENT.

7. After butt welds have cooled, the parts joined are not in alignment corrections shall be made prior to assembly of member. Minor misalignment may be corrected by the controlled application of heat and/or pressure. If misalignment is significant, corrective work shall be done using QC-proposed methods approved by the Engineer.
8. If welds are to be ground smooth and flush, final finishing should be parallel to the direction of the main stress in a member. All welds shall terminate in a satisfactory manner.

After Welding:

1. Welds shall be cleaned of slag and examined by QC. When blast cleaning is required, a general examination of welds and material shall also be done after blasting and before painting.
2. Any weld geometry exceeding welding code limits shall be corrected to meet tolerances. Ends of repair welds shall transition smoothly into existing welds.
3. Excess metal at butt welds shall be removed by grinding. Plate thickness or width transitions shall be sloped as shown on the shop drawings with smooth transitions at the thinner/narrower plate. Over-grinding at this location must be corrected using Engineer-approved methods before NDT.
4. All runoff tabs shall be removed without damaging permanent material. Thermal-cutting may be used, provided the final preparation is done by grinding.

SECTION V - RADIOGRAPHY AND RADIOGRAPHIC INSPECTION

1. All radiographic inspection required by the Contract shall be performed by the Contractor for the DEPARTMENT.
2. The QA Inspector shall verify that radiographs are numbered in accordance with the requirements of the Radiograph Sheet and that all radiograph film numbers are recorded on the sheet corresponding to joint locations in the structure.
3. The QA Inspector shall review all radiograph reports and duly sign them when in agreement with the report. If the QA Inspector and the Contractor cannot agree with respect to the report, the Engineer will review any film in question, and provide a determination of acceptability. Once the report is signed, the QA Inspector shall keep the original set of reports and film until fabrication is complete and then submit all reports and radiographs to the DEPARTMENT for filing. On large structures, submittals may be on interim basis as required by the DEPARTMENT.

SECTION VI - MAGNETIC PARTICLE INSPECTION

1. The QA Inspector shall ensure magnetic particle inspection (MT) is done in accordance with ASTM E 709 and the Contract.

2. The Contractor performs the MT required by the contract for the DEPARTMENT and submits a report to the QA Inspector of all findings. The QA Inspector shall periodically witness the testing and, if satisfied as to the technique and results, shall sign the reports, retaining originals and giving one copy to the fabricator. The QA Inspector shall forward a complete set of the original reports to the DEPARTMENT at the end of the project.

SECTION VII - ULTRASONIC INSPECTION

Ultrasonic testing (UT) required by the Contract shall be performed by the Contractor. The Contractor is to submit a report to the QA Inspector of all findings. The QA Inspector shall be familiar with proper UT application, and periodically witness testing, including set-up and recalibration. If satisfied with the technique and the test results, the QA Inspector shall sign the UT reports. If the Engineer requires QA verification testing of the Contractor's findings or to examine areas not requiring UT in the Contract, the QA Inspector must be qualified as a Level II in UT by testing, training and experience in accord with the current edition of the American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A.

1. UT may also be required at field locations utilizing the Consultant's equipment when requested by the DEPARTMENT. (The Department shall provide access, traffic control and assistance as required).
2. For UT performed by the Contractor, the QA Inspector shall include the original reports in the project file and return one signed copy to the fabricator. For UT performed by the QA Inspector, a copy shall not be provided to the Contractor unless directed by the Engineer. The QA Inspector shall forward the original UT reports to the DEPARTMENT at the end of the project.

SECTION VIII - SHOP CLEANING AND PAINTING

1. QA Inspectors shall carefully review the ILDOT Standard Specifications and Contract Special Provisions covering the shop cleaning and painting of structural steel and verify that requirements are met. In case of disagreements on interpretation or acceptance between the QA and QC Inspectors, the Engineer will provide guidance.
2. Structural steel should not be shop cleaned or painted until its fabrication has been accepted by QC: this is not mandatory but represents good practice, and the QA Inspector shall mandate recleaning and/or repainting if deficient areas are coated. Blast cleaned surfaces shall have proper profile and cleanliness. Thermal cut edges shall be ground before blasting if necessary to achieve the required profile. Primer must be applied within 24 hours and before any rust is visible.
3. The shop coat(s) shall be inspected for proper mixing, application, dry film thickness of individual or multiple coats, proper curling of preceding coats, and uniform coverage. Unless otherwise provided for small batches, the inspector shall have an approved test report identification issued by the Department for the batch of paint used. If not, the fabricator Contractor must submit samples taken from the batch (with the QA Inspector witnessing) to the DEPARTMENT'S Bureau of Materials and Physical Research for testing prior to painting. Paint must be applied when the temperature and humidity are

within acceptable limits and during the manufacturer's prescribed pot life. Paint may only be thinned in accord with the manufacturer's guidelines.

4. Special attention shall be given to shop installed bolts. Cleaning, profile, subsequent primer coverage and adhesion shall be carefully monitored. For mechanically galvanized bolts installed before blasting, some galvanizing may remain after cleaning, as long as primer adhesion is not impaired. For black ASTM A490 bolts in painted areas, if blasting does not produce adequate profile due to the hard surface, exposed bolt surfaces must be cleaned and spot primed with a suitably adherent coating before priming the adjacent steel.
5. After shop painting, care shall be taken in the handling, storage and shipping of material to avoid damage or contamination (oil, etc.) of the surface. All damage noted shall be repaired in accord with Contract requirements and the paint manufacturers' guidelines prior to shipment.
6. Verify gauges (dry film thickness, profile, temperature, humidity, etc.) are routinely calibrated and that calibration equipment is recertified as necessary.

37. **Job No. D-60-031-11, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Two, Three, Four, and Five, Bureau of Operations.**

This project will utilize **Direct Labor Multiplier (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 31, 2011 at 1:00 P.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 2, 3, 4, and 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English Units.

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information. The completion date for this contract will be 24 months after authorization to proceed.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments; and
- The person who will conduct the evaluation of the optimization plans.
- The person who will perform the QC/QA review work of all milestone submittal documents.

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

38. **Job No. D-60-032-11, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Six, Seven, Eight and Nine, Bureau of Operations.**

This project will utilize **Direct Labor Multiplier (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 31, 2011 at 10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 6, 7, 8, and 9. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information. The completion date for this contract will be 24 months after authorization to proceed.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments; and
- The person who will conduct the evaluation of the optimization plans.
- The person who will perform the QC/QA review work of all milestone submittal documents.

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

39. **Job No. D-60-033-11, Statewide Sign Structure Inspection, Various Projects, Various Routes, Various Counties, Various Districts, Bureau of Operations.**

This project will utilize **Direct Labor Multiplier (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 31, 2011 at 3:00 P.M.** at the Central Bureau of Operations office in **Springfield**.

The scope of this project consists of planning, organizing and performing detailed structural inspections on simple aluminum span trusses, aluminum cantilever trusses, Vierendeel type steel span trusses, Vierendeel type steel cantilever trusses and bridge mounted sign structures. The number of overhead sign structures to be inspected is approximately 120. The detail structural inspection shall include rating of all components, evaluation of conditions and preparation of an inspection report including a prioritized summary of repairs. The use of ultra sonic testing equipment to spot check the wall thickness of end supports for aluminum trusses and the chords for Vierendeel steel trusses will be required.

The Consultant's shall provide all manpower, equipment, vehicles, materials and the appropriate traffic control for each structure to satisfactorily complete the work. The work shall be done in accordance with the Sign Structure Inspection Manual, the Manual on Uniform Traffic Control Devices and any department policies or procedures governing the work.

Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with Highway Standards 212-701101-02 or 212-7011.06 and as directed by the Engineer. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate.

The inspector should have basic knowledge of sign truss nomenclature, experience in structural inspection, be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and other specialized testing equipment. The Consultant should have a licensed Structural Engineer who has the expertise in welding and weld details on sign structures and is capable of making recommendations on structural repairs.

Work orders, by district, under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Professional Engineer.). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

40. **Job No. P-30-006-11 Phase I – Various Environmental Studies for Chicago to St. Louis High Speed Rail, Various Counties, Bureau of Railroads.**

This project is federally funded.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 30% DBE Participation.

The **Complexity Factor** for the project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **February 2, 2011 at 11:00 A.M.** in the Central Bureau of Railroads in **Springfield**.

Phase I services are required for all work associated with the preparation of various environmental studies for the improvement of the Chicago to St. Louis (CHISL) HSR Full Build-Out project. This work is anticipated to fulfill the requirements for Federal Railroad Administration (FRA) Categorical Exclusion or Environmental Assessment levels of review. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this contract will be in English units.

The Consultant's work may include but not be limited to data collection, preparation of base maps and mosaics, geometric studies, capacity analysis, railroad coordination, environmental field studies, and reviews, cost estimates, public involvement, and all other related work necessary to complete Phase I environmental studies and tasks.

The engineering services required may consist of only a portion of the total engineering work on the project. The Consultants activities are anticipated to be monitored by the High Speed Rail Project Manager (PM) for this project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The completion date for this contract will be **24** months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional **24** months.

Key personnel listed on **Exhibits A & B** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person in charge of the Public Involvement procedures. Include a detailed description of the Public involvement work he/she has directed involving facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contract letters, etc.
- The person who will perform the QC/QA review work of all milestone submittal documents.
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

The prime firm must be prequalified in the **Environmental Reports (Environmental Assessment)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

41. **Job No. P-30-007-11 Phase I – Various Phase I, II and III Engineering for Chicago to St. Louis High Speed Rail, Various Counties, Bureau of Railroads.**

This project is federally funded.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 30% DBE Participation.

The **Complexity Factor** for the project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **February 2, 2011 at 1:30 P.M.** in the Central Bureau of Railroads in **Springfield**.

Phase I, II and III services are required for all work associated with the preparation and/or review of various Phase I and II Location/Design Studies, Railway Engineering studies, Railway and Highway Plans, Specifications and Estimates, and Construction Inspection for the improvement of the Chicago to St. Louis (CHISL) HSR project. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this contract will be in English units.

The engineering services required may consist of only a portion of the total engineering work on the project. The Consultants activities are anticipated to be monitored by the High Speed Rail Project Manager (PM). for this project.

Phase I work: The Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental studies, preparing Project Reports, and preparing or reviewing railway engineering plans. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, preparing and/or reviewing hydraulic reports or drainage studies, and other related work and exhibits necessary to produce the Project Reports. Traffic studies, Value Engineering and various preliminary engineering studies may also be required.

Phase II work: The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, roadway plans, preparation or review of railway engineering plans, preparation or review of railway station site plans, and any other related work to complete final plans, specifications, and estimates as necessary.

Phase III work: The Phase III work, if required, may consist of the inspection, supervision, construction layout, material testing, and field inspection for highway/railroad grade crossings, grade separations, approach roadway reconstruction or rehabilitation, earth excavation and embankment construction, bridge rehabilitation or construction, or other duties as assigned throughout the Chicago-St. Louis rail corridor. The Consultant will be asked to furnish a registered IL PE or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on these projects. The Consultant is expected to perform on site inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines.

The ARE should be knowledgeable in the use of the department's documentation tracking system (ICORS).

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, railroad coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The Assistant Resident Engineer (with current IDOT Construction Documentation certificate.) Also must be certified to perform the Nuclear Density Testing (include nuclear license); and QC/QA Level I HMA and PCC testing and ICORS training.
- The Inspectors certified to perform the Nuclear Density Testing (include nuclear license) and QC/QA Level I HMA and PCC testing and ICORS training.
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Land Surveyor and/or and Illinois Licensed Professional Engineer). Route survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in-charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land survey prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Location/Design Studies (Reconstruction/Major Rehabilitation)
Special Transportation Studies (Railway Engineering)
Special Services (Construction Inspection)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

**ILLINOIS DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES**

Springfield

One Natural Resources Way
Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

November 10, 2010

This is the official notice that professional services are required by the Illinois Department of Natural Resources, Office of Water Resources (DNR).

This is not an invitation for bids. Firms properly prequalified for either of the projects listed herein may indicate their desire to be considered for selection by submitting the requested information to the DNR address listed within the project description.

Firms must be prequalified in **all** of the advertised areas listed in the project description. This is required even if a firm plans to subcontract part of the project.

SPECIAL NOTICE: Because of federal funding, contracts between consultant firms and the DNR are not covered by the Response Action Contractor Indemnification Act (415 ILCS 100/1 et seq.), which provides for the defense, indemnification and liability limits in relation to claims arising out of work performed under the contract. The DNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

Furthermore, the DNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by DNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The proximity to the project site of key personnel assigned to the project.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for DNR, if applicable

All members of the DNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

DNR's procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants.

Please do not send letters expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning the projects, please contact Mr. Rick Gosch, Office of Water Resources in the Department of Natural Resources at 217/782-4732.

Procedural questions regarding Statements of Interest may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment's Consultant Unit at 217/782-6916.

42. **DNR Project - 1: Upgrades to Automatic Operation System of Sinnissippi Dam, Whiteside County, Department of Natural Resources.**

This project will use the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2011 at 1:00 P.M.** at the IDNR Headquarters in **Springfield**.

Phase II Engineering services for this project is expected to consist of:

- Review hydraulic operational objectives of Sinnissippi Dam and determine influence of operations of the dam in Dixon, Illinois on the ability to meet the objectives at Sinnissippi Dam.
- Develop programmable logic controller (PLC) code (software) for the operation of the Sinnissippi Dam gates for a complete range of discharges from low flows to extreme flood flows and for both winter and non-winter operational seasons. The PLC code must incorporate multiple inputs such as water surface elevations upstream and downstream of the dam, water surface elevations upstream of the pool created by the dam and the status of hydropower generation such that the pool elevation upstream of the gates remains constant until the capacity of the gates is exceeded.
- Provide a recommendation for a programmable logic controller (hardware) that will: function with the current machinery used to move the gates, store at least 6 months of all data used by the PLC code in the determination of gate settings and be capable of off-site access.
- Provide a recommendation for hardware/software necessary for off-site access to the PLC.
- Provide a recommendation for hardware/software necessary to integrate the status of the hydropower plant's turbine status into the PLC so that the gates can automatically adjust based on changing flow rates through the hydropower plant
- Provide an estimate of the cost of all hardware/software necessary to operate the gates including a new logic controller (if necessary)
- Provide an estimate of the cost of installation of all hardware/software and PLC code,
- Provide full documentation of the PLC code
- Develop a plan for testing/verification of the PLC code and hardware/software.

If Phase 3 engineering services are required, they are expected to consist of:

- Development of contract documents for the acquisition of hardware and installation of the PLC code determined in Phase 2.
- Supervision of the installation of software and hardware at Sinnissippi Dam by a contractor selected by DNR through a competitive bidding process.

The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic calculations (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of electrical design and PLC selection
- The person who will perform the work in the area of PLC code development
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide the approach the firm would take on this project and a brief summary of the experience and qualifications of the consultant team members.

The prime firm must be prequalified in the following categories to be considered for this project:

**Hydraulic Reports (Waterway/Complex)
Special Services (Electrical Engineering)**

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

43. **DNR Project 2: Engineering Services for Plans, Specifications, Cost Estimates, and Operations and Maintenance Manuals for Replacement of Sluice Gates, Construction of Access Bridge and Lock Expansion at Stratton Lock and Dam, McHenry County, Department of Natural Resources**

This project will use the **Direct Labor Multiple (DLM)** method of compensation.

The **Complexity Factor** for this project is **0.003**

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2011 at 1:00 P.M.** at the IDNR Headquarters in **Springfield**.

In 1939, the State of Illinois Department of Public Works and Buildings, Division of Waterways (predecessor to the Office of Water Resources), under contract FR-14, constructed the present dam and sluice gate control structure (Department of Public Works, 1938). These gates are used to maintain the water level of the Fox River above the dam and in the Chain of Lakes for recreational boating purposes and for flood control. The present boat lock was constructed in 1958-60 under Department of Public Works and Buildings contracts FR-109 and FR-113. The lock was opened for public use on June 1, 1960. A number of other contracts have been awarded and completed since 1939 to repair and maintain the existing dam, buildings and site area. None of these contracts has changed the hydraulic characteristics of the originally constructed outlet works. In 1999, the United States Army Corps of Engineers installed a hinged-crest gate at Stratton Dam, which will not be modified or changed as part of this contract.

A June 2005 consultant engineering study, *Stratton Lock and Dam Life Extension Reconnaissance Study*, recommended replacement of the existing sluice gates, construction of an access bridge to the new gates and extension of the existing lock. While the existing gates could be completely rehabilitated, it would leave a structure severely outdated and one, which is very difficult to operate in winter due to the extensive deicing required using steam lines. The current lock is functional but does not have the capacity to meet the current demand for boat passage. Access to the island to perform maintenance and repairs on the current gate structure is only available by boat, which makes performing repairs or maintenance activities difficult.

Phase 1 engineering services are required for review of previous engineering analysis regarding the replacement of the sluice gates at Stratton Lock and Dam, determine if the gates recommended in previous reports are still the optimal type or recommend a different type of gate with respect to installation costs, maintenance costs, operational costs and the ability to regulate flows. The Consultant will also review previous engineering analysis regarding the increase of the lockage rate (boats passed per hour) at Stratton Lock and Dam, determine if the method for increasing the lockage rate recommended in previous reports is still the optimal method or recommend a different method to increase the lockage rate with respect to installation costs, maintenance costs, operational costs and the lockage rate.

Phase 2 engineering services are required for preparing plans, specifications, cost estimates and operation and maintenance manuals for items related to mechanical, electrical and geotechnical aspects of the construction of new gates, access bridge and lock expansion; the Consultant may also be requested to prepare plans, specifications, cost estimates and operation and maintenance manuals for other aspects of the construction of new gates, access bridge and lock expansion as determined by the Office of Water Resources.

The estimated construction cost of this project is anticipated to be \$12,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibits A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

The person who will be in charge of the Phase I review for the project must be an Illinois Licensed Professional Engineer and be knowledgeable in the work required for this project.

- The person who will perform/supervise the work in the area of hydraulic calculations and preparation of Complex Hydraulic Reports & Pump Stations (must be an Illinois Licensed Professional Engineer). The Hydraulic Reports Complex and the Hydraulic Reports Pump Stations prequalification categories may be completed by prime and/or sub.
- The person who will perform the work in the area of mechanical design and plan preparation (must be an Illinois Licensed Professional Engineer)
- The person who will perform the work in the area of electrical design and plan preparation (must be an Illinois Licensed Professional Engineer)
- Person(s) who will perform the work in the area of Structure Geotechnical Reports & design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (Structure Geotechnical Reports) prequalification category may be completed by the Prime and/or Sub.
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide the approach the firm would take on this project beginning with a description of a project management approach that would effectively interface the work of the Consultant with the work of OWR staff to develop a combined sets of plans, specifications, cost estimates, and operations and maintenance manuals for the replacement of the sluice gates, the construction of access bridge and the lock expansion at Stratton Lock and Dam.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Plans (Pumping Stations)
Special Services (Electrical)
Special Services (Mechanical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

IDOT is encouraging the use of this check sheet. We continue to receive submittals with errors. With the apparent lack of quality control in the Statement of Interest submittals, we are providing a check sheet for your use. Do not submit this document; it is intended as tool to help in your quality control process. Do not send.

☐ Downloaded and used most current forms <http://www.dot.il.gov/desenv/deform.html>

Statements of Interest for each item must be submitted as an adobe.pdf and labeled as described in the e-mail instructions. Use your SOI CODE that's provided at the top of your SEFC prequalification sheet. This sheet is provided with your firm's prequalification letter sent out on an annual basis.

IDOT has frequently asked questions for submitting SOI's available in the PTB and at <http://www.dot.il.gov/desenv/FAQ.html>

☐ Followed the e-mail instructions for submitting
<http://www.dot.il.gov/desenv/ptb/ptbemailinstructions.pdf>

Statements of Interest for each item must contain the following and be **received** between the time of Publish Date and the SOI due date, at 12:00 p.m. (Note: Sending before 12:00 p.m. does not guarantee that we receive before noon.)

☐ All requested data in advertisement is included (list specific items requested in advertisement).

Reviewed advertisement and included:

☐ **Exhibit A (BDE XHBT-A)** (required with every SOI)

☐ Correct PTB & Item Number (one specific to each PTB/ITEM)

☐ City, phone, e-mail provided

☐ Signed and dated

☐ Key personnel completed (personnel resumes attached)

☐ Subconsultant information, Firm name, category of work being performed, and DBE noted (if applicable) (If a DBE goal is listed, the firm(s) the prime will be using to meet this goal are shown at this location).

☐ Mentor Protégé information included, Firm Name that is the protégé and the category of work they will be doing.

☐ **Exhibit B (BDE XHBT-B)** (when applicable)

☐ The first portion (items 1 to 3) is required when Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction categories in the **Location/Design Study** Work Category are requested in the advertisement.

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

Exhibit B (BDE XHBT-B) (continued)

- ☐ The second portion **Environmental Work** is to be completed when Environmental Assessment or Environmental Impact Statements categories are requested in the advertisement.

Staffing for disciplines listed below, matches staffing on Prequalified Environmental Staff document sent to your firm from IDOT.

- ☐ Environmental Lead
- ☐ Noise
- ☐ Water Quality
- Ecology Wetlands & Associated Aquatic Resources
- Biological Resources (other than Wetlands)
- ☐ Community Impacts
- ☐ Public Involvement
- ☐ Technical Writing

If submitting for one or ten items, each of these documents is required to be submitted as a separate adobe.pdf file for each Professional Transportation Bulletin (one for each PTB)

- Current Obligations (BDE CUR-OB) (Prime)
 - ☐ Firm name
 - ☐ Correct PTB #
 - ☐ Item #'s listed match Items being submitted
 - ☐ Dollar amounts are the most current (if selected on Previous PTB include estimated \$'s)
 - ☐ Phase III (construction Inspection work \$'s are completed)
- Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure (BDE DISC 2 Template)(Consultants))(Prime)

Page 1 Completed:

- ☐ PTB #
- ☐ Firm Name

Form A Completed:

- ☐ Firm Name
- ☐ Address, Phone, E-mail, & Fax

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET

August 1, 2010

Form A continued

Individual Information Completed when applicable:

- ☐ Name
- ☐ Address
- ☐ Conflicts/Communications/Debarment

Applicable or Not Applicable Statements

- ☐ Signed
- ☐ Dated correctly

Form B Completed:

- ☐ Firm Name
- ☐ Address, Phone, E-mail, & Fax
- ☐ Dated correctly
- ☐ Signed

- **Disclosure of Business Operations in Iran (BDE 2900) (Prime)**

- ☐ Correct PTB #
- ☐ Item #'s listed match Items being submitted
- ☐ Firm Name
- ☐ Signed
- ☐ Dated correctly

- **Delinquent Debt Certification (BDE 3000) (Prime & Subconsultants)**

- **(this is one adobe file with the prime and sub, do not submit multiple files)**

- ☐ Correct PTB #
- ☐ Item #'s listed match Items being submitted
- ☐ Firm Name
- ☐ Dated correctly
- ☐ Signed
- ☐ Subconsultants listed are correct and listed items are correct
- ☐ Subconsultant's delinquent debt included
- ☐ One Adobe file created that contains prime and subs debt certification

NOTICE
Description and Minimum Requirements for
Statement of Experience and Financial Condition
Quality Assurance Category
EFFECTIVE 3-1-10

The Quality Assurance category has been revised in the Description and Minimum Requirements. Per the Quality Assurance Note in the Statement of Experience and Financial Condition Questionnaire, "PCC Level III will be required for all Project Managers as of 3/1/2010."

The PCC level III class is required to become prequalified and to remain prequalified in the QA PCC and Aggregate prequalification category.

The Description and Minimum Requirements is available at
<http://www.dot.il.gov/desenv/preqcons.html>

Notice of **Consultant Engineering** **Mentor Protégé Program**

Effective December 23, 2009
Revised 02-04-10

Firms wishing to participate in the Mentor Protégé program should indicate in their Statement of Interest e-mail the Item number(s) they are planning on participating.

For Example in the body of the E-mail message include “Firm ABC is interested in participating in the Mentor Protégé Program on items 2, 5 and 10.”

Also, the Exhibit A has been modified to include Mentor Protégé data. The Exhibit A document is available on the website at <http://www.dot.il.gov/desenv/deform.html>

Guidelines, implementation, and a sample development plan are available on our website at <http://www.dot.il.gov/consultmentor.html>

Frequently Asked Questions for Submitting Statements of Interest for Professional Transportation Bulletin

8-01-10

The frequently asked questions are available at <http://www.dot.il.gov/desenv/FAQ.html>
Professional Transportation Bulletin is available at <http://www.dot.il.gov/desenv/ptb.html>
To become a prequalified consultant go to <http://www.dot.il.gov/desenv/pregcons.html>

1. **Question:** Where do I submit my electronic Statement of Interest?

Answer: As stated in each advertisement and in the E-mail Instructions all submittals go to SOIPTB@dot.il.gov

2. **Question:** When do I submit my electronic Statement of Interest (SOI)?

Answer: The Statement of Interest due date and time are listed on the front cover of the PTB. If it is not **received** by 12:00 p.m. on the due date it will not be considered, that includes partial submittals. A complete submittal must be received before 12:00 p.m., which includes all required forms. If the SOI item is received at 11:59 a.m. and the forms are received in a separate e-mail at 12:01 p.m., your firm will not be considered for the PTB. Firms have 3 weeks to submit Statements of Interest, and we accept Statements of Interest from publish date to 12:00 p.m. on the due date.

3. **Question:** Where are the latest forms?


Answer: In the Professional Transportation Bulletin there is a bookmark titled Forms, which links to the website. There is also a link in the Guidelines, and a link in the E-mail Instructions. <http://www.dot.il.gov/desenv/deform.html>

4. **Question:** Why do I have to keep the footer with document name and why use the latest form?

Answer: IDOT is ISO certified. When IDOT is audited, The ISO Auditors ask, "How do you know the correct form is being used?" The footer with the document name and revision are the proof required.

5. **Question:** The footer disappears when I insert the Exhibit A/B file. How do I keep the footer?

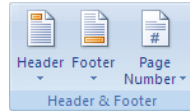
Answer: There are two options

- If you are using Microsoft Word 2003, you need to insert a section break. Per Word help, "To create a different header or footer for a section, you need to break the connection between the sections. Click in the section for which you want to create a different header or footer. On the **Header and Footer** toolbar, click **Link to Previous**  to break the connection between the header and footer in the current section and the previous one."
- If you are using Microsoft Word 2007, Starting at the beginning of the document, click in the first section for which you want to vary the


Frequently Asked Questions for Submitting Statements of Interest for Professional Transportation Bulletin

8-01-10

header or footer. On the **Insert** tab, in the **Header & Footer** group, click **Header** or **Footer**.



Click **Edit Header** or **Edit Footer**.

On the **Headers & Footers** tab, in the **Navigation** group, click **Link to Previous**  to break the connection between the header or footer in this section and the previous section.

OR

- Complete the word file, convert to adobe, and then insert the file in to your already converted PDF Statement of Interest.

6. **Question:** Does the Prime have to be prequalified in the requested categories in the advertisement or can we sub that work out?

Answer: Yes, the prime is required to have the prequalification. It states in the guidelines:
The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement.

Also, in every advertisement it states:

“The prime firm must be prequalified in the following categories to be considered for this project”: This means the prime is required to be prequalified in the listed categories.

7. **Question:** In the advertisements it sometimes states:
The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by Sub and/or Prime)
The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor). Route Surveys prequalification category requirement may be completed by Sub and/or Prime)
The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services,

Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10

Structure Reports Geotechnical (SGR) prequalification category requirement may be completed by Sub and/or Prime.

How do we address this in our submittal?

Answer: In these instances, if the prime is prequalified they may use their staff. If the prime is prequalified or if not prequalified for those categories, a subconsultant that is prequalified in the requested category may be used.

For example in the **Exhibit A** if using a sub, fill out as shown
Other Required Key Staff:

Name Required Prequalification Category :	
Land Surveying	
*Name	John Doe @ ABC Engineering
Category	PLS (PE, SE, LS)
Registration #	035-123456
Year Registered	1998 State IL
Office Location:	
City	Chicago State IL

8. **Question:** The advertisement has a DBE Goal. Where & how do we address in our Statement of Interest?

Answer: In the **Exhibit A** on page 3 of 3, there is the following statement:
“List Subconsultant(s) and the item(s) of work that they will perform.” This is where the firm lists all subs including DBE’s. Example: ABC Engineering, DBE, will perform land surveying services.

9. **Question:** The **Exhibit A** on page 3 of 3 asks:
Firm is proposing a Mentor-Protégé on this project: Yes ☐ No ☐

Name of Protégé Firm	Areas of work (prequalification category(ies) they will be participating in

What are we required to include in the above?

Answer: First check yes or no. If yes, include the name of the firm that will be the protégé and which prequalification category they will be mentored to do.

Example:

Firm is proposing a Mentor-Protégé on this project: Yes ☒ No ☐

Name of Protégé Firm	Areas of work (prequalification category(ies) they will be participating in
ABC Engineering	Location Design Studies (Rehabilitation)

**Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10**

10. **Question:** The advertisement states: The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition. Where do I find the approved staffing?

Answer: Every firm prequalified in environmental assessment receives as part of the prequalification response, a document that has a listing of who is qualified for lead and each discipline and at what level, EA or EIS. The personnel on the document titled "Prequalified Environmental Staff" are the staff that must appear on Exhibit B.

11. **Question:** The Advertisement states the required prequalification category is **Location/Design Studies (Reconstruction/Major Rehabilitation)**. Is the firm required to submit an Exhibit B?

Answer: Yes, it's required per the guidelines: 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**. Only the first section is required for Location Design Studies,

Location/Design Study Work

This portion to be completed when projects require Location Design Studies (Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction)

For projects requiring Environmental Reports, the second portion is required
Environmental Work

This portion to be completed when projects require Environmental Reports (Environmental Assessment or Environmental Impact Statements)

The request in the advertisement for Exhibit B is done as a courtesy.

12. **Question:** The guidelines say no more than 2 pages for firm's interest in performing the work. The advertisement requests additional data such as:

- Statements of Interest must also include the proposed Quality Assurance/Quality Control (QA/QC) plan for the project design, including calculations and check-set plans and specifications as deliverables.

Or

- Statements of Interest must include details of how the Consultant will accomplish the work, a schedule for completing the work in the prescribed time, the firm's capability, and project team experience for similar projects, an organizational chart for the project, etc.

Can we go over the 2 page limit?

**Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10**

Answer: The guidelines also state, “8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.” The 2 page limit is separate from the additional requirements that may be requested in the advertisement. Your firm may not be considered if not all information requested in the advertisement is provided.

13. **Question:** Can we include pictures, charts, graph's?

Answer: Yes, but we have a limitation on receiving files. Our system can only accept files under 2MB.

14. **Question:** Our Statement of Interest files are very large. Can we break up the file and send in multiple e-mails?

Answer: Yes, but first look at why it's so large. Is everything scanned; are large picture files included, etc. Converting existing files to Adobe and limiting graphics can reduce the size of a file significantly.

As stated in the E-mail Instructions,
Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

15. **Question:** Our firm wants to do a joint venture (JV). Does IDOT have a JV agreement form?

Answer: No, IDOT does not have a form. It is up to the Consultants entering into a JV to submit the JV agreement as part of the Statement of Interest. See recurring notice **“NOTICE FOR JOINT VENTURE”**

16. **Question:** What are common errors made by consultants when submitting a Statement of Interest?

Answer: Waiting until the last minute to complete the Statements of Interest and using old SOL's with no quality control check.

Required forms and typical problems	
Document	Problem(s)
Current Obligations Example attached BDE CUR-OB	(wrong form, addition errors, \$'s not included for latest selection information, Construction Inspection work more than total work shown) (review instructions)

**Frequently Asked Questions for Submitting Statements of Interest for
Professional Transportation Bulletin
8-01-10**

Required forms and typical problems continued	
Document	Problem(s)
Delinquent Debt Example attached BDE 3000	(not signed/dated, subconsultants not included, doesn't match first page, i.e. prime has sub working on item 2 and 4, sub lists working on 2 and 6)
Disclosure BDE DISC 2 Template (Consultants)	(not signed/dated, only partial submittal, missing form A or B or no disclosure included) A complete disclosure is required with every Professional Transportation Bulletin, IDOT is unable to authorize the firm to do work if disclosure is not clear.
Exhibit A Example attached BDE XHBT-A	(nothing in footer to indicate which form used, old form used, not signed/dated, city not indicated, DBE and work they are performing are not listed all requested personnel in advertisement not included.
Exhibit B BDE XHBT-B	(not included, nothing in footer to indicate which form used, old form used although new revised date shown in footer) Personnel listed did not match SEFC Environmental Staffing plan)
Iran Disclosure Example attached BDE 2900	(not signed/dated or included)
Miscellaneous	(Late, partial submittal, sent to wrong e-mail address, etc.)

NEW:

The forms for Current Obligations, Delinquent Debt, Exhibit A, and the Iran Disclosures have been completed and are attached as examples of how to correctly fill out for submittal.

Forms are located at: <http://www.dot.il.gov/desenv/deform.html>



Consultant's Current Obligations for Statements of Interest

Item(s) # 4, 12, & 22

Your Firm as Prime Consultant

Your Firm as Subconsultant To:

Note: The start date for the 0-6 months will be the date of this PTB

Firm Name ABC Engineering PTB # 151 Item(s) # 4, 12, & 22

Work By Your Transportation Staff for Other Than the Illinois Department of Transportation

	Total Agreement Amount (000's)	Fee to be Earned		
		0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
City of Chicago	N/A			
Illinois State Toll Authority	750	350	250	150
All Other Work (Public & Private)	1,000	300	400	300
Total Non-IDOT		650	650	450

Note: The start date for the 0-6 months will be the date of this PTB

Summary of Work

(DO NOT TYPE IN THIS AREA-AUTO FILL IN)

Totals for Firm	0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
As Prime (from page 1)	950	350	250
As Subconsultant (from page 1)	175	25	50
For Non-IDOT (from table above)	650	650	450
Total	1775	1025	750

Work by Your Transportation Staff for all Construcion Inspection, Phase III Projects:

	Total Agreement Amount (000's)	Fee to be Earned		
		0-6 mos. (000's)	7-18 mos. (000's)	>18 mos. (000's)
Phase III Work	500	100	300	100



PTB # 151 & Item(s) # 4, 12, & 22

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that ABC Engineering with the FEIN or SSN of 555-55-5555
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Jane Doe
Signature

2-17-10
Date

List all known subconsultants and the PTB item(s):

JKays Civil Firm (Item 4 & 12)
Megs Structural Creations (Items 12 & 22)

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



PTB # 151 & Item(s) # 4 & 12

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that JKays Civil Firm with the FEIN or SSN of 888-88-8888
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Jessica Smith
Signature

2-16-10
Date

List all known subconsultants and the PTB item(s):

N/A

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



PTB # 151 & Item(s) # 12 & 22

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that Megs Structural Creations with the FEIN or SSN of 999-99-9999
(Firm Name)

is in compliance with the Delinquent Payment Statement as stated above.

Megan Jones
Signature

2-16-10
Date

List all known subconsultants and the PTB item(s):

N/A

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.



EXHIBIT A

PTB # 151 & Item # 04

Proposed Staff, Subconsultants and Current Transportation Obligations

I certify that I am the Vice President of the firm of ABC Engineering and that I have thoroughly reviewed our existing and pending obligations for services by our Transportation Technical Staff **(including work for which selection has been made but negotiations and/or agreement execution have not been finalized)** during the ensuing year(s) to all of our clients on any type of project and have included them on the Current Obligations Form. If we are selected for this project, we will assign it as a top priority project with the following minimum staff for the full term of the contract. The office location from which a majority of the work for this project will be performed is:

(City) Engineering Town (State) IL

Signature: Jane L. Doe

Print Name: Jane Doe Phone: 555-555-5555 Fax: 556-556-5656

Date: 2-21-2010 E-mail: J.Doe@abcengineering.com

Project Manager :

Name Sam Smith
Category PE (PE, SE, LS)
Registration # 062-11-1111
Year Registered 2000 State IL
Office Location:
City Engineering Town State IL

Project Engineer :

Name John Roads
Category PE (PE, SE, LS)
Registration # 062-22-1111
Year Registered 1999 State IL
Office Location:
City Engineering Town State IL

QC/QA Roadway :

*Name Jane Doe
Category PE (PE, SE, LS)
Registration # 062-33-1111
Year Registered 1999 State IL
Office Location:
City Engineering Town State IL

QC/QA Structures:

*Name N/A
Category (PE, SE, LS)
Registration #
Year Registered State
Office Location:
City State

Other Required Key Staff:

**Name Required Prequalification Category :
Route/Land Surveying**

*Name Jessica Smith @ JKay's Civil Firm
Category LS (PE, SE, LS)
Registration # 035-11-1111
Year Registered 2002 State IL
Office Location:
City Civil City State IL

**Name Required Prequalification Category:
Location Drainage**

*Name John Roads
Category PE (PE, SE, LS)
Registration # 062-22-1111
Year Registered 1999 State IL
Office Location:
City Engineering Town State IL

*If work is being done by a subconsultant, list firm name also.

Other Required Key Staff:

Name Required Prequalification Category :	Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

*If work is being performed by a subconsultant, list firm name also.
Attach resumes of above-listed personnel.

Management	Professionals	Sub-professionals
Total <u>2</u>	Engineers <u>3</u> Land Surveyors <u>1</u> Architects <u>0</u> Others <u>0</u> Total <u>4</u>	Technicians <u>3</u> Draftsmen <u>2</u> Survey Crew <u>2</u> Clerical <u>2</u> Other <u>1</u> Total <u>10</u>
		Total Project Staff <u>14</u>

EXHIBIT A CONTINUED

PTB # 151 & **Item #** 04

Firm will complete project within estimated time listed in the project advertisement. Yes ☒ No ☐

If **Yes**, provide completion date and/or number of months. Per the advertisement 24 months

If **No**, explain:

List all Subconsultant(s) and denote if sub is a DBE; and the item(s) [category(ies)] of work they will perform.
JKays Civil Firm (DBE) Land and Route surveying services

Firm is Proposing a Mentor-Protégé on this project: Yes ☐ No ☒

Name of Protégé Firm	Areas of work (prequalification category(ies)) they will be participating in
----------------------	--

<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>



EXHIBIT A

PTB # 151 **& Item #** 12

Proposed Staff, Subconsultants and Current Transportation Obligations

I certify that I am the Vice President of the firm of ABC Engineering and that I have thoroughly reviewed our existing and pending obligations for services by our Transportation Technical Staff **(including work for which selection has been made but negotiations and/or agreement execution have not been finalized)** during the ensuing year(s) to all of our clients on any type of project and have included them on the Current Obligations Form. If we are selected for this project, we will assign it as a top priority project with the following minimum staff for the full term of the contract. The office location from which a majority of the work for this project will be performed is:

(City) Engineering Town (State) IL

Signature: Jane L. Doe

Print Name: Jane Doe Phone: 555-555-5555 Fax: 556-556-5656

Date: 2-21-2010 E-mail: J.Doe@abcengineering.com

Project Manager :	Project Engineer :
Name <u>Sam Smith</u>	Name <u>James Bridges</u>
Category <u>PE</u> (PE, SE, LS)	Category <u>PE/SE</u> (PE, SE, LS)
Registration # <u>062-11-1111</u>	Registration # <u>062-22-1111 & 081-11-1111</u>
Year Registered <u>2000</u> State <u>IL</u>	Year Registered <u>99/01</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

QC/QA Roadway :	QC/QA Structures:
*Name <u>Jane Doe</u>	*Name <u>Megan Jones @ Megs Structural Creations</u>
Category <u>PE</u> (PE, SE, LS)	Category <u>SE</u> (PE, SE, LS)
Registration # <u>062-33-1111</u>	Registration # <u>081-22-2222</u>
Year Registered <u>1999</u> State <u>IL</u>	Year Registered <u>2005</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Engineering Town</u> State <u>IL</u>	City <u>Rolling Roads</u> State <u>IL</u>

Other Required Key Staff:

Name Required Prequalification Category : Route/Land Surveying	Name Required Prequalification Category: Location Drainage
*Name <u>Jessica Smith @ JKays Civil Firm</u>	*Name <u>John Roads</u>
Category <u>LS</u> (PE, SE, LS)	Category <u>PE</u> (PE, SE, LS)
Registration # <u>035-11-1111</u>	Registration # <u>062-22-1111</u>
Year Registered <u>2002</u> State <u>IL</u>	Year Registered <u>1999</u> State <u>IL</u>
Office Location:	Office Location:
City <u>Civil City</u> State <u>IL</u>	City <u>Engineering Town</u> State <u>IL</u>

*If work is being done by a subconsultant, list firm name also.

Other Required Key Staff:

Name Required Prequalification Category : Structures Simple	Required Prequalification Category:
*Name <u>Paul Jems</u>	*Name _____
Category <u>SE</u> (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # <u>081-11-1111</u>	Registration # _____
Year Registered <u>2006</u> State <u>IL</u>	Year Registered _____ State _____
Office Location _____	Office Location _____
City <u>Rolling Roads</u> State <u>IL</u>	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

Name Required Prequalification Category :	Name Required Prequalification Category:
*Name _____	*Name _____
Category _____ (PE, SE, LS)	Category _____ (PE, SE, LS)
Registration # _____	Registration # _____
Year Registered _____ State _____	Year Registered _____ State _____
Office Location _____	Office Location _____
City _____ State _____	City _____ State _____

*If work is being performed by a subconsultant, list firm name also.
Attach resumes of above-listed personnel.

Management	Professionals	Sub-professionals
Total <u>2</u>	Engineers <u>7</u> Land Surveyors <u>1</u> Architects <u>0</u> Others <u>0</u> Total <u>4</u>	Technicians <u>6</u> Draftsmen <u>2</u> Survey Crew <u>2</u> Clerical <u>1</u> Other <u>0</u> Total <u>11</u>
		Total Project Staff <u>15</u>

EXHIBIT A CONTINUED

PTB # 151 & **Item #** 12

Firm will complete project within estimated time listed in the project advertisement. Yes ☒ No ☐

If **Yes**, provide completion date and/or number of months. Per the advertisement 36 months

If **No**, explain:

List all Subconsultant(s) and denote if sub is a DBE; and the item(s) [category(ies)] of work they will perform.

JKays Civil Firm (DBE) Land and Route surveying services

Megs Structural Creations (Structures Highway: Typical)

Firm is Proposing a Mentor-Protégé on this project: Yes ☒ No ☐

Name of Protégé Firm

JKays Civil Firm

Areas of work (prequalification category(ies)) they will be participating in

Highways (Roads and Streets)



PTB # 151 **& Item #(s)** 4, 12, and 22

Public Act 95-0616 provides that each bid, offer, or proposal submitted for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

- (1) More than 10% of the Company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction activities; less than 75% of the Company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and, the Company has failed to take substantial action.
- (2) The Company has, on or after August 5, 1996, made an investment of \$20 million or more, or any combination of investments of at least \$10 million each that in the aggregate equals or exceeds \$20 million in any 12-month period, which directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

The terms "Business Operations", "Company", "Mineral-extraction Activities", "Oil-related Activities", "Petroleum Resources", and "Substantial Action" are all defined in the Act.

Failure to make the disclosure required by the Act shall cause the bid, offer, or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid, offer, or proposal or awarding the contract. The name of each Company disclosed as doing business or having done business in Iran will be provided to the State Comptroller.

To be in compliance with the Disclosure of Business Operations in Iran, check the appropriate statement:

- ☒ **Company has no business operations in Iran to disclose.**
- ☐ **Company has business operations in Iran as disclosed in the attached document(s).**

The following must be signed and dated by a person authorized to execute contracts for the offeror.

THE FOLLOWING STATEMENT MUST BE SIGNED AND DATED

ABC Engineering _____ Name of Firm (type or print)	
Jane L. Doe _____ Name of Authorized Representative (type or print)	
Vice President _____ Title of Authorized Representative (type or print)	
<i>Jane L. Doe</i> _____ Signature of Authorized Representative	02-18-2010 _____ Date

To submit, use Consultant firm code, followed by DISCIR.

Example: Firm Code "ABC" submittal would be ABCDISCIR.pdf (Required From Prime Only)

Return To: Cement and Concrete Reference Laboratory
At NIST
100 Bureau Drive, Stop 8616
Gaithersburg, Maryland 20899-8618
Phone: 301-975-6704
Fax: 301-975-2243
Email: ccrl@nist.gov

APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

Name: Mark Gawedzinski, BMPR Pre-Qualification Coordinator
Company: Illinois Department of Transportation
Bureau of Materials and Physical Research
Address: Springfield, Illinois
Email Address: mark.gawedzinski@illinois.gov
Phone: 217-782-2799

For:

Laboratory Name: _____
Address: _____

Phone Number: _____
CCRL Laboratory Number: _____

I hereby give permission to CCRL to release copies of proficiency sample reports:

Signature (mandatory) Date

Print Name

Print Title

E-mail Address

This release remains in effect as long as this laboratory participates in the CCRL proficiency sample program.

NOTICE
Effective January 24, 2008

**Illinois Department of Transportation
Requirements for Verification of Quality Assurance Consultants Enrollment in
the AMRL Proficiency Assessment Program**

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site at:

<http://amrl.net>

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO (Illinois Modified)	ASTM	Description
AGGREGATES		
T 11 (IL)	C117	75-µm (No. 200) by Washing
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)
HOT-MIX ASPHALT		
T 166 (IL)	D2726	Bulk Specific Gravity
T 209 (IL)	D2041	Maximum Specific Gravity
T 312 (IL)		Superpave Gyratory compaction
T 308 (IL)		Asphalt Binder Content by Ignition
CONCRETE		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

David L. Lippert, P.E.
Engineer of Materials
And Physical Research

NOTICE

Construction Guides and Manuals – Memorandums

The Department's Construction Guides, Manuals and Memorandum are available on our web-site at the following address: <http://www.dot.il.gov/dobuisns.html>.

The Manual Sales Order Form is also available at the following address:
<http://www.dot.il.gov/desenv/orderform.html>

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (www.dot.il.gov/desenv/pregcons.html) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the **Illinois Unified Certification Program** web site (www.dot.il.gov/ucp/ucp.html) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact Carol Lyle in the Office of Business and Workforce Diversity.

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm's letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT's Division of Highways' Bureau of Design and Environment (BDE). IDOT's Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT's web site <http://www.dot.il.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE's Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

NOTICE OF ELECTRONIC SIGNATURES

In order for us to verify your scanned in signature (on cover letters, Exhibit A, Disclosure Forms A and B, and Delinquent Payment Form) we request that you complete the Signature Certification for Electronic Submittals form and submit it to us in **hard-copy** immediately. A signature certification form must be completed for each individual that will be signing any of the above mentioned documents. **If you have previously submitted your Signature Certification and no new individual will be signing the documents you are not required to re-submit the document.**

Send Submittal to:
Illinois Department of Transportation
Ms. Janet Pisani
Bureau of Design and Environment
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, IL 62764

If you have questions, please contact Carrie Kowalski at: Carrie.Kowalski@illinois.gov

Signature Certification for Electronic Submittal
--

Signature Certification For Electronic Submittals

I certify that my electronically scanned-in signature appearing in future electronic Statements of Interest and associated documents submitted by our firm is authorized to be affixed by the person doing so and will be binding on the firm.

(Firm) (Signature) (Title)

STATE OF _____

COUNTY OF _____ I, _____

a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that

known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (he/she) signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this _____ day of _____ A.D. _____

NOTARY PUBLIC

Notice
Of Requirement For
Illinois Department Of Human Rights (IDHR)
Public Contract Number

Following selection, contract all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site www.state.il.us/dhr/ or may also be obtained by contacting:

DHR, Public Contracts Section
Public Contracts Division
100 W. Randolph,
Suite 10-100
Chicago, IL 60601

or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

NOTICE FOR JOINT VENTURE

Statements submitted by Joint Ventures will be considered. The Joint Venture, Agreement signed by all parties, must be included with the statement of interest. The Joint Venture entity will have the sum of the individual firm's prequalification, capacity and evaluation history. IDOT **does not** have a form for joint venture agreements. The firms submitting as a joint venture are required to obtain and submit the joint venture agreement.

The required insurance coverage applies to the Joint Venture entity.

The Joint Venture entity will submit one statement of interest with the following specified:

- the party who will be the managing firm
- the firm responsible for each prequalification category
- each individual firm's work left, disclosure forms and delinquent dept forms.
- the firm responsible for invoicing
- One Exhibit A plus other required documents specified in the PTB combining the information for all firms. (Indicate personnel name and firm name on exhibit A for key staff)

EXHIBIT A EXAMPLE:

Name Required Prequalification Category :

Location Drainage

*Name Mr. John Smith (ABC Engineering Assoc.)

Category PE (PE, SE, LS)

Registration # 62012345

Year Registered 1995 State IL

Office Location:

City Chicago State IL

A firm planning to submit a Statements of Interest as a joint venture is required to contact the department for a new Statements of Interest Code. Contact Carrie Kowalski by e-mail at Carrie.Kowalski@illinois.gov. The code is required so that the joint venture proposal is recognized as a joint venture.

Overtime Billing for Engineering Consultant Contracts

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

NOTICE For Prequalification of Consultants & DBE Revisions

Prequalification:

As stated in each Professional Transportation Bulletin under the guidelines:

Consultant firms acting as prime must be prequalified in all of the advertised areas listed in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. If the prime is not prequalified in the required category(s) stated in the project advertisement, that firm's Statements of Interest cannot be considered for the item.

Within the Statements of Interest (Exhibit A page 3 of 3) the prime must identify any subconsultants and the item(s) of work they will perform. Subconsultants must be prequalified in the category of work they will be performing.

Also as stated in the Standard Agreement Provisions: 2.24 SUBLETTING, ASSIGNMENT OR TRANSFER:

Subconsultants must be prequalified in accordance with the department requirements. For specialized services that are required but which do not fall into the areas of prequalification of the department, a non-prequalified firm may be used with department approval.

DBE Participation:

The U.S. DOT regulation, 49CFR Sec. 26.55(a), states, "When a DBE participates in a contract, you count only the value of the work actually performed by the DBE toward the DBE goals." The IDOT and U.S. DOT regulations further state:

When a DBE subcontracts part of the work its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

Effective immediately all subconsultant proposals where a DBE is utilized for the main contract and it is necessary for them to obtain non professional services which would be listed as a direct cost, the amount of those services will not apply to the DBE goal. For example if a DBE geotechnical firm is being used and they use a non-DBE drilling company to do the borings, the cost for this work will not apply to the DBE goal.

However any direct costs incidental to doing the work, per diem, hotel costs etc. will still counted toward the goal.

NOTICE
February 7, 2008

Revised Sub-Consultants Formula

FORMULA FOR COST PLUS FIXED FEE
METHOD OF COMPENSATION

Effective on projects advertised in PTB 144 (April 5, 2007) and for all supplemental agreements received on or after June 13, 2007 the fee portion of the Cost-Plus-Fixed-Fee method of compensation will change. The compensation for this method will be:

$$\text{Compensation} = \text{DL} + \text{DC} + \text{OH} + \text{FF}$$

Where FF:

For Prime Agreements is:

$$(0.37 + R)\text{DL} + \% \text{DL}$$

When % is:

1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs

3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs

5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

Sub-Consultants

$$(0.37 + R)\text{DL}$$

Where:

R= Complexity Factor: 0, 0.035, or 0.07

DL = Direct Labor

DC= Direct Cost

OH= Overhead Rate

NOTICE
Construction and Quality Assurance Consultants
S 33- Geotechnical Field Testing and Inspection Class

Professional Transportation Bulletin 117 included a notice that S 33 is a required class for technicians performing soil tests on construction projects. This includes consultant personnel providing Construction Inspection or Quality Assurance Testing on Department projects. The Department will schedule sessions of this class after determining the demand. Below is a description of the class and sign-up information.

Course Objectives

The student will be able to do the following: 1. Determine the Standard Dry Density and Optimum Moisture content of soil or soil mix according to AASHTO T 99. 2. Determine in-place density in accordance with approved test procedures. 3. Select the correct soil curve by the use of a one-point proctor and/or textural classification of the soils. 4. Determine the moisture content of a soil by either laboratory or field methods. 5. Perform validity checks of the soils test results. 6. Report test results in accordance with departmental requirements.

Prerequisites:

1. One year of college level technical training or six months experience, or consent of the course instructor;
2. High school math, including ability to calculate percentages.

Course Length:

Two Days, including written examination.

Cost:

There is no cost to consultants.

Location:

District One, District Eight, and other locations determined by demand.

Schedule:

As determined by demand; late fall, winter, and early spring.

To Register:

Mail or Fax a note or e-mail Brad Risinger in the Technical Training Unit. For each proposed registrant, provide name, firm name, address, phone, FAX and e-mail. Please list multiple registrants in priority order, since seating in initial classes may be limited.

Brad Risinger
IDOT- Technical Training Unit
313 Hanley Building
2300 S. Dirksen Parkway
Springfield, IL 62764
217 782-0128
FAX 217 524-7260
Brad.Risinger@illinois.gov

NOTICE OF TRAINING OPPORTUNITY

Updated 4-24-09

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg
Lake Land College
5001 Lake Land Blvd.
Mattoon, IL 61938-9336
Phone: (217) 234-5285
Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us
Internet Homepage: <http://www.lakeland.cc.il.us/idotqcqa>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<http://www.nhi.fhwa.dot.gov/home.asp>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>